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# Star Brand Seeds • 1938

## Star Brand Collection

15 Varieties for  
Market Gardeners

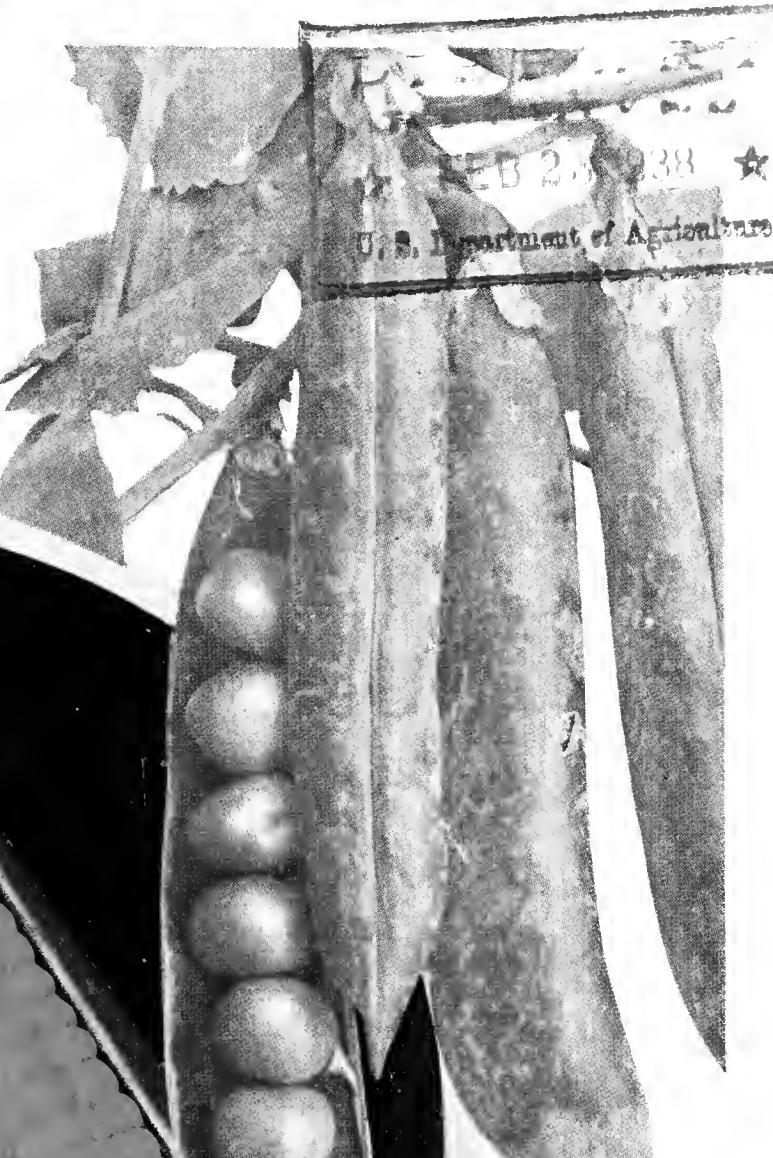
$\frac{1}{2}$ lb. Beans, Landreth Stringless (New) ....	\$0.15	1 oz. Radish, Sparkler .	\$0.10
$\frac{1}{2}$ lb. Beans, Giant Stringless .....	.15	1 oz. Radish, Icicle ....	.10
$\frac{1}{2}$ lb. Peas, Alaska ....	.15	1 oz. Parsnip, Hollow Crown .....	.10
$\frac{1}{2}$ lb. Corn, Golden Bantam .....	.15	1 oz. Spinach, Bloomsdale .....	.10
1 oz. Beets, Early Detroit	.10	1 oz. Turnip, P. T. W. G.	.10
1 oz. Carrots, Chantenay	.10	1 oz. Muskmelon, Hearts of Gold .....	.10
1 oz. Cucumber, Perfection .....	.10	1 oz. Watermelon, Stone Mountain .....	.10

1 oz. Lettuce,  
Grand Rapids. .10

Value .... \$1.70  
Special Offer .... .98  
Tax ..... .02

Postpaid **\$1.00**

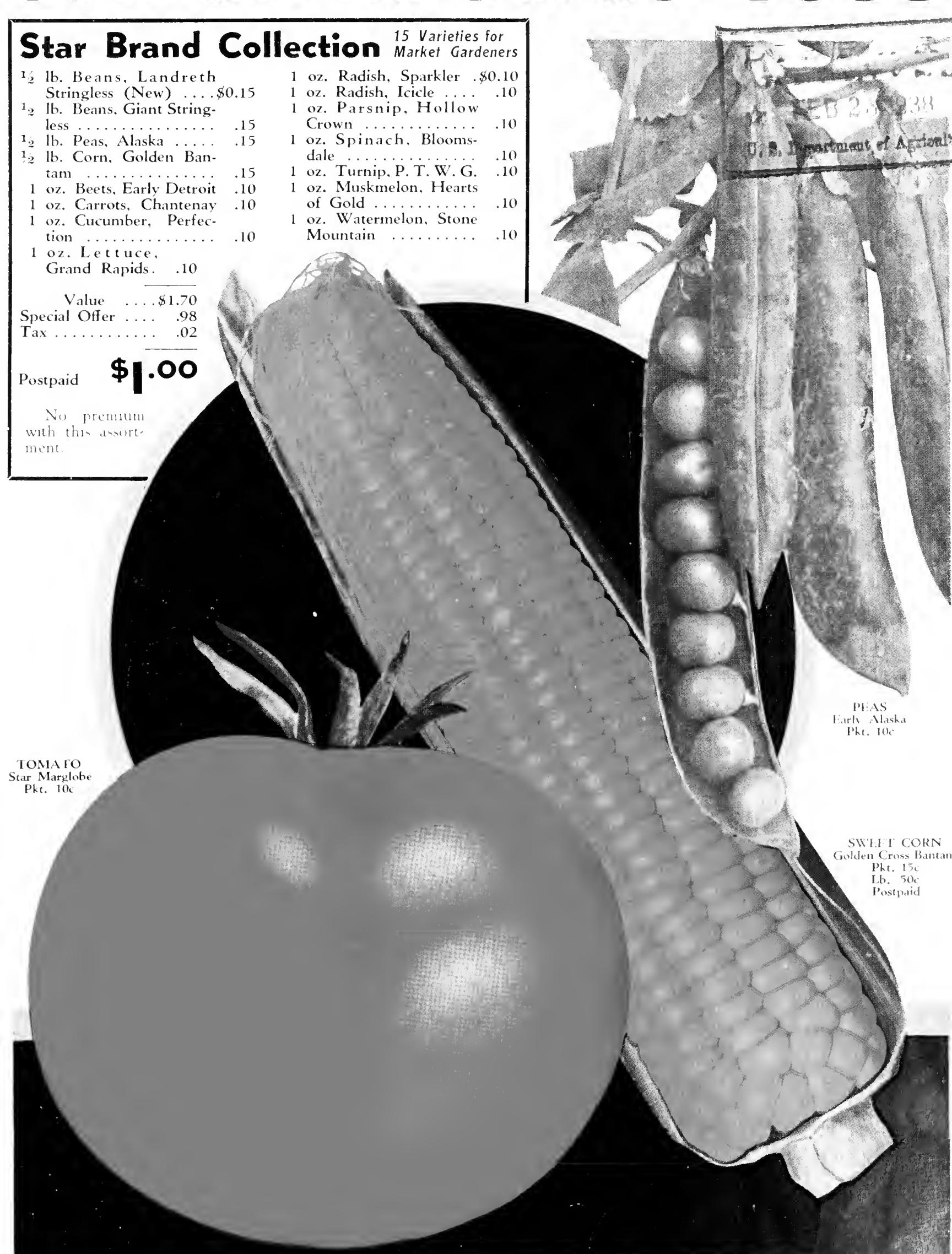
No premium  
with this assort-  
ment.



PEAS  
Early Alaska  
Pkt. 10c

SWEET CORN  
Golden Cross Bantam  
Pkt. 15c  
Lb. 50c  
Postpaid

TOMATO  
Star Marglobe  
Pkt. 10c



**SPRINGFIELD SEED CO.**

**SPRINGFIELD  
MISSOURI**

# Selected Varieties for your early garden



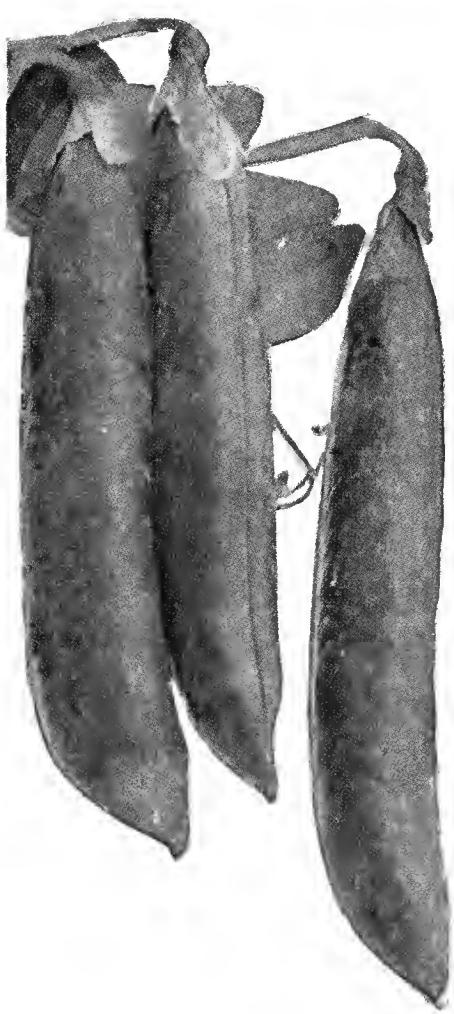
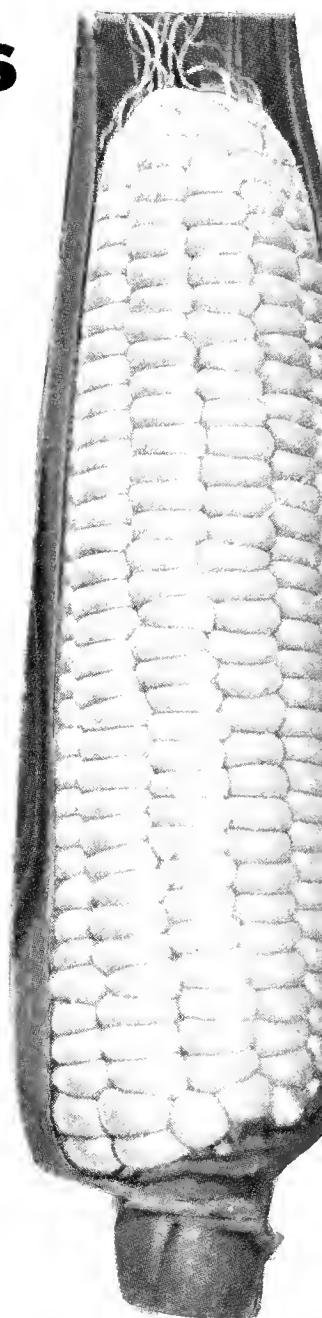
RADISH, Vick's Scarlet Globe. 22 days. It is one of the very earliest. Pkt. 5c.

GREEN ONIONS. 30 days from sets.



SPINACH, Bloomsdale Long Standing. 39 days. Pkt. 5c.

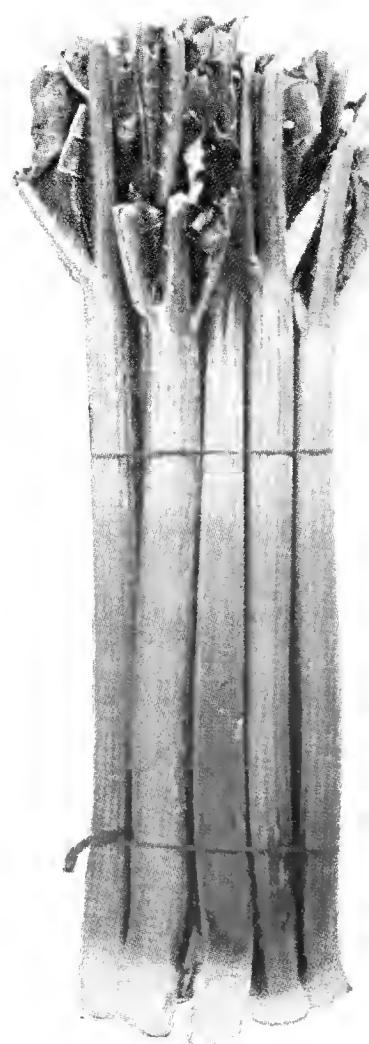
SWEET CORN, Adams' Early. 90 days. Not a sugar corn, but largely grown for early use. Pkt. 10c.



PEAS, Alaska. Very early, smooth, blue pea. Height 2½ feet. Light green pods, 2½ inches long. Pkt. 10c.



LETUCE, Early Curled Simpson. 50 days. A large, loose-leaved sort. Leaves broad, crumpled, and well frilled at the edges. Color, light green. Pkt. 5c.



RHUBARB or PIE PLANT. From roots. Very early.

# SEEDS SINCE 1896

OVER  
41  
YEARS  
OF  
CONTINUOUS  
SERVICE



We now have all our warehouses combined in our new building, located at 315-317-319 N. Main Avenue, between the Frisco and Missouri Pacific stations. This plant is of the most modern reinforced concrete, steel and brick construction, containing over 333,720 cubic feet of amply lighted storage space, making this especially constructed building one of the most modern seed warehouses in the southwest.

In order to give you the most efficient service, we have installed the most modern equipment for rapid loading and unloading railroad cars and trucks and for automatic weighing, sacking, and recleaning. Our large loading docks will assure you of prompt service, and in addition we have ample truck parking space in the rear of the building. Frisco and Missouri Pacific spur tracks running the full length on each side of the building will accommodate a large number of freight cars.

Our Office and Seed Testing Laboratory are located on the second floor of this new building. All seeds are tested for purity and germination by trained analysts and labeled to comply with your state seed law. Soil tests are made in our greenhouses.

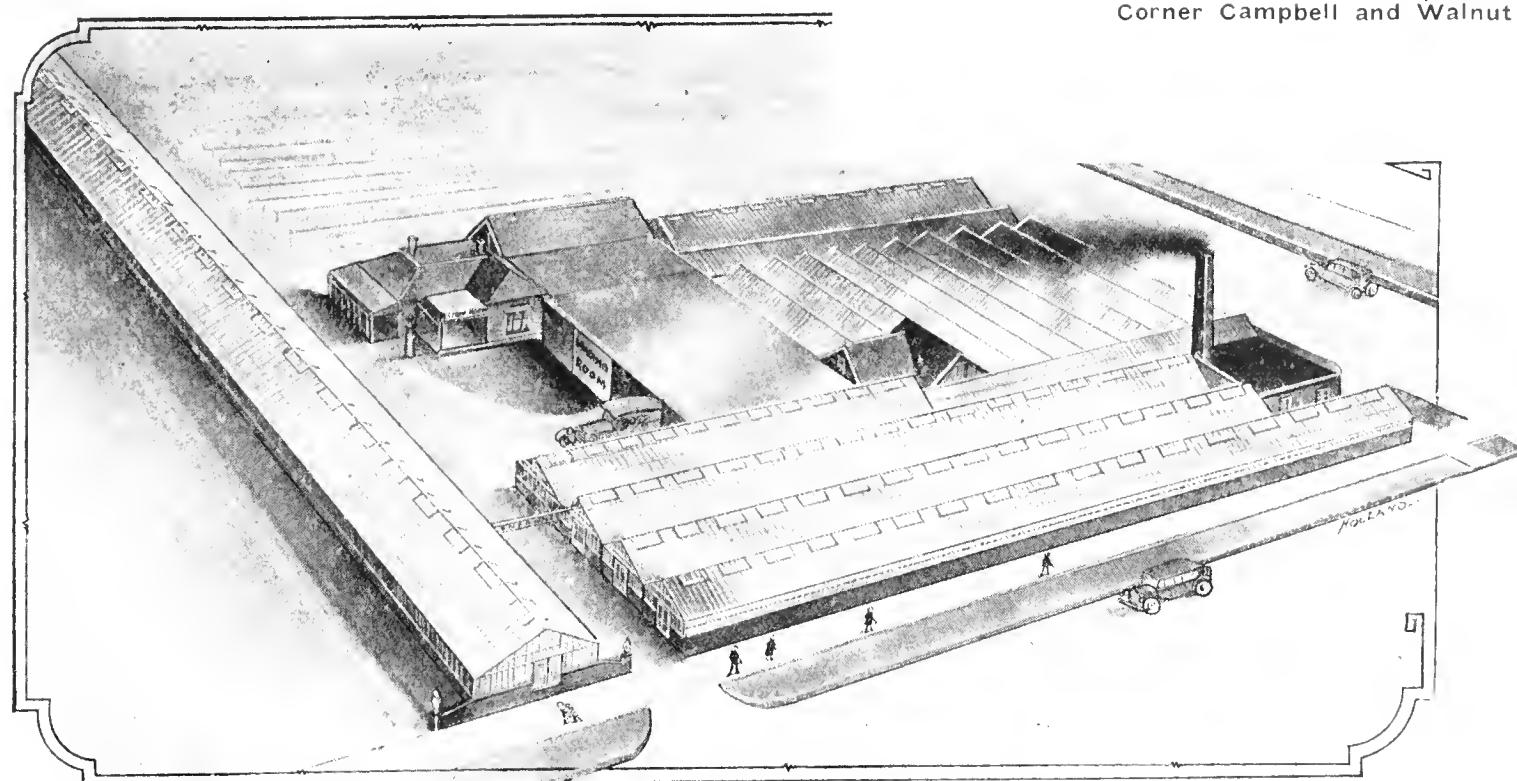
Our Store and Floral Departments are located at the corner of Campbell and Walnut Streets. Here we carry a complete line of Field, Garden and Flower Seeds, Insecticides, Chili Supplies, and Special Nursery Stocks. Our Floral Department, Member of the Florist's Telegraph Delivery Association, handle a complete line of Cut Flowers, Plants, Floral Supplies and Floral Specialties. Many of our Cut Flowers and Plants are grown in our own greenhouses, which cover over 55,000 square feet of glass.

We appreciate the continuous patronage of our many friends through the 41 years of our operations, which have made the enlarged quarters necessary.

Our new Main Plant containing our General Offices, Cleaning Machinery and Warehouse, 315-17-19 North Main Street.

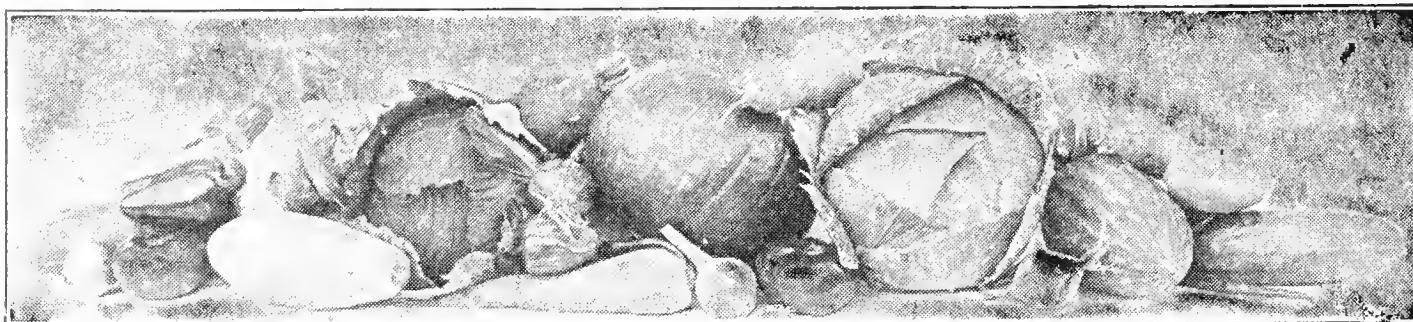


Store and Floral Department  
Corner Campbell and Walnut Sts.



Our  
Floral  
Department  
Open  
Day and  
Night  
24-Hour  
Service

Our Greenhouses where all our seeds are soil tested for germination and quality.



## MAKE YOUR GARDEN WORK THE YEAR AROUND

For Best Results Plant STAR BRAND SEED

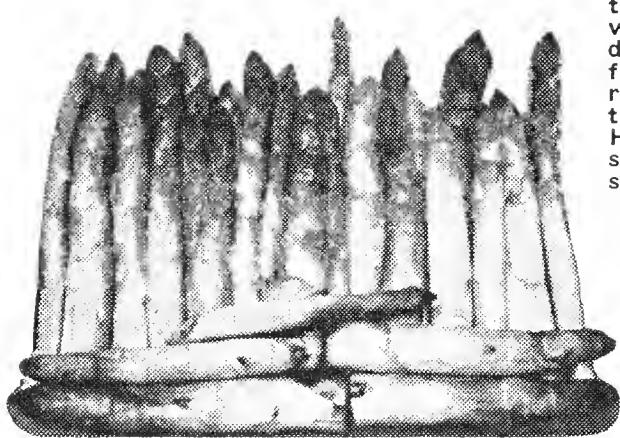
Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible and sows succession crops throughout the summer and until late in the fall. Succession crops are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce. Eat them fresh, evaporate them, can them, store them, and be independent of high food prices.

### ASPARAGUS

Pkt.	Oz.	1/4 Lb.
5c	15c	30c

**CULTURE**—Asparagus, which is one of our earliest spring vegetables, is also one of the most widely appreciated and extensively cultivated. Can be grown in any soil which is not too wet. Seed should be sown in March or April, in rows 14 inches apart, and lightly covered with a layer of soil  $\frac{1}{2}$  to  $\frac{3}{4}$  inches deep. When the seed is up they should be thinned out.

Prepare permanent bed by digging a trench 18 inches wide and 20 inches deep. Fill one-third full with well rotted manure and tramp it down. Half fill remaining space with good soil, and set the root clumps of the Asparagus, one foot apart. Cover roots to surface with good soil. The stalks should not be cut until a year after planting and then but lightly. Full harvest may be taken after this.



Martha Washington

**WASHINGTON.** A vigorous growing and very productive variety which has been bred to resist the disease known as "Asparagus Rust." The shoots are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips.

**PALMETTO.** Of very large size, even and regular in growth and appearance. A very early sort immensely productive and of the best quality.

### ASPARAGUS ROOTS

1 year old. We can furnish Washington roots at 25c per dozen; \$1.25 per 100.

### BRUSSELS SPROUTS

One of the most delicious garden vegetables. Plant in 3-foot rows,  $1\frac{1}{2}$  to 2 feet apart. One ounce will produce about 200 plants. Cultivate same as cabbage. Autumn grown sprouts, drilled in May and transplanted in July, generally do the best, as the plants are quite hardy and the buds mellow under frost.

**DWARF IMPROVED.** A variety producing compact sprouts of excellent quality. Pkt., 5c; oz., 25c.

### BROCCOLI

**ITALIAN GREEN SPROUTING.** A distinct variety for the home garden. Plant forms a central head, fairly compact cluster of flower buds resembling cauliflower except that it is green in color. Center head can be cut about sixty days after planting and smaller heads on side branches throughout the summer. Delicious and healthful. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 1 lb., \$3.50.

ALL PACKETS AND OUNCES POSTPAID.  
SEE PAGE 12 FOR COMPLETE GARDEN SEED LIST.

### GREEN PODDED BUSH BEANS

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10

**CULTURE**—Beans are sensitive to both cold and wet, so do not plant till the ground is warm. To have a continuous supply plant every two weeks from the time the ground gets warm till the middle of August; further south they may be planted even later. Make the rows 2 and 3 feet apart, drop the beans 3 inches apart and cover  $1\frac{1}{2}$  to 2 inches deep. Give frequent but shallow cultivation up to blooming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds will plant an acre.

**LANDRETH'S STRINGLESS.** 53 Days. 6 in., slightly curved, round, dark green fleshy pods, stringless, seeds brown.

**BOUNTIFUL.** Six Weeks, 50 Days. 3-in. straight broad flat light green pod, stringless.

**BURPEE'S STRINGLESS.** 55 Days. 5-in. curved round green fleshy pod, stringless.

**DWARF HORTICULTURE.** 55 Days. 5 $\frac{1}{2}$ -in. broad flat green pod streaked with red, stringless.

**FULL MEASURE.** 54 Days. 6-in. fairly straight dark green round pod, stringless.

**GIANT STRINGLESS.** 54 Days. 6-in. round fairly straight light green pod, stringless.

**RED VALENTINE.** 54 Days. 6-in. fairly straight green pod, strings.

**RED KIDNEY.** 95 Days. 5-in. broad flat green pod, strings.

**REFUGEE,** 1000 to 1. 80 Days. 5 $\frac{1}{2}$ -in. slightly curved round light green pod, strings.

**REFUGEE STRINGLESS.** 68 Days. 5 $\frac{1}{2}$ -in. round slightly curved light green pod, stringless.

**TENNESSEE GREEN POD.** 52 Days. 8-in. flat very broad dark green pod, strings.

### BEANS—BUSH LIMA

**BURPEE'S.** 77 Days. Strong vigorous pods, beans medium size.

**FORDHOOKS.** 75 Days. Erect heavy producing vine. Pods 4 to 4 $\frac{1}{2}$  inches long.

**HENDERSON.** 65 Days. Medium height, compact vine. 3-in. pod, small seeded.

**SPECKLED.** 65 Days. Very prolific and hardy. Plant resembles Henderson's.

### BEANS—POLE LIMA

**KING OF THE GARDEN.** 88 Days. Strong growing and large podded, 4 to 5 beans.

**LARGE WHITE.** 88 Days. An old standard sort. Vigorous, productive, 3 to 4 seeds.

**SIEVA (Carolina).** 77 Days. Early, hardy, productive and a continuous bearer. Very popular.

**SPECKLED.** 90 Days. A small seeded dependable prolific variety, popular.

FREE—FIVE 5c PKTS. SEED, YOUR SELECTION FROM CATALOG, WITH EACH \$1.00 ORDER OF GARDEN SEEDS.

## WAX BUSH BEANS

**DAVIS KIDNEY WAX.** 54 Days. 6½-in. Large flat yellow pods, strings.

**GERMAN BLACK WAX.** 54 Days. 6-in. Flat straight yellow pods, strings.

**GOLDEN WAX.** 48 Days. 4½-in. thick creamy pods, stringless.

**KENTUCKY WONDER WAX (Pole).** 68 Days. 8-in. large thick creamy pods, stringless.

**PENCIL POD WAX.** 58 Days. 6½-in. round curved yellow pods, stringless.

**ROUND POD KIDNEY WAX.** 53 Days. 6-in. round curved yellow pods, stringless.

**WARDWELL'S KIDNEY WAX.** 65 Days. 6½-in. flat straight deep yellow pods, stringless.



## BEANS—POLE or RUNNING

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10

**KENTUCKY WONDER.** 70 Days. 9-in. round curved pod, strings.

**KENTUCKY WONDER (White).** 70 Days. 7-in. round brittle pods, stringless.

**KENTUCKY CUT SHORT.** 72 Days. 4-in. straight flat pods, strings.

**DUTCH CASE KNIFE.** 65 Days. 8-in. straight flat pods, strings.

**LAZY WIFE.** 75 Days. 6-in. straight fleshy pods, stringless.

**MISSOURI WONDER.** 66 Days. 5-in. flat curved pods, productive, strings.

**STRIPED CREASEBACK.** 70 Days. 6½-in. straight round pods, strings.

**WHITE CREASEBACK.** 65 Days. 5½-in. round curved pods, nearly stringless.

ALL PACKETS AND OUNCES POST-PAID. SEE PAGE 12 FOR COMPLETE GARDEN SEED LIST.

## BEETS FOR THE TABLE

Pkt.	Oz.	¼ lb.
5c	10c	25c

**CULTURE**—Beets are sown where crop is to grow, in open ground, as soon as spring frosts are over, 1-inch deep in drills 12 to 15 inches apart, for convenience in hoeing; and young plants are thinned out, with a greater or less space between them, usually about 4 inches, according to size of variety grown. The thinnings from crop make excellent greens. They thrive in well enriched, moist soil, with plenty of sunshine. Growth will be greatly stimulated with a slight application of Nitrate of Soda.

### 50-55 DAYS

**EARLY WONDER.** Roots uniform, nearly globe shaped, with small top, skin dark red, flesh deep blood red. Popular with market gardeners for early or late planting.

**DETROIT DARK RED.** One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red, flesh solid vermillion red.

**EARLY BLOOD TURNIP, IMPROVED.** The old standard table beet; roots nearly round or slightly flattened, bright red, zoned and of good quality. Not so early as Detroit, and with a larger, coarser top.

**CROSBY'S EGYPTIAN.** Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shaped, with small tap root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender.

**EDMAND'S BLOOD TURNIP.** A second early sort, with short tops; roots nearly round, dark red; flesh purplish red with little zoning; a good keeper.

**SWISS CHARD, LUCULLUS.** An improved type of Chard. Of more upright growth than the Silver variety; leaves yellowish-green, fairly crumpled, mid-rib and veins white; stalks thick, broad and flat and as large as rhubarb.

### MANGEL WURZEL and SUGAR BEETS

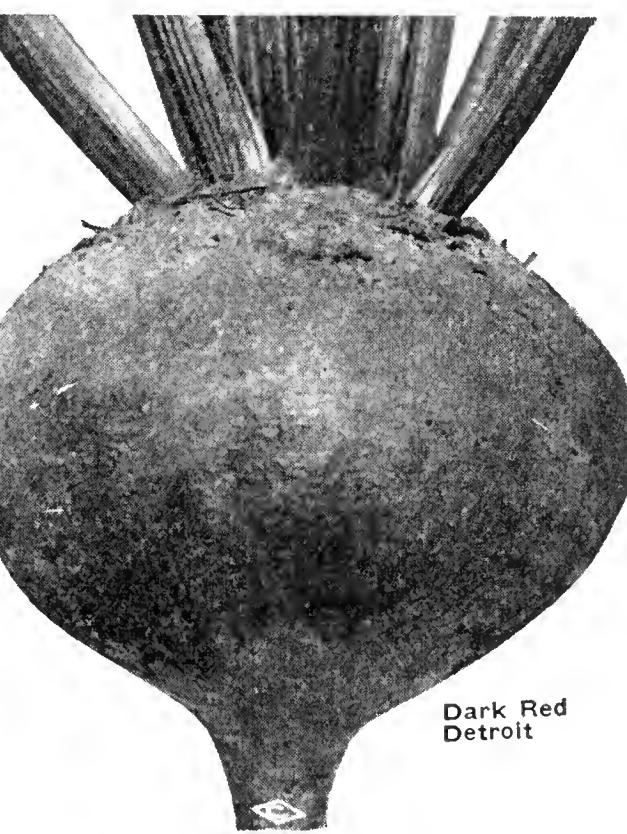
Pkt.	Oz.	¼ lb.
5c	10c	25c

Sugar Beets and Mangels are of great value for stock feeding, because of the improved health and condition of the animals, increased flow and quality of milk, and because of the saving in fodder. The yield is enormous, and the cost of growing is trifling. Grow a patch of them for winter feed. They are also excellent for poultry.

**LONG RED MAMMOTH (Norbiton Giant).** Attains enormous size; producing thirty to fifty tons to the acre. Root nearly cylindrical in shape, light red, growing well above ground; flesh white and rose colored.

**GOLDEN TANKARD.** Roots large, nearly cylindrical in shape, narrowing abruptly at both ends; skin deep orange-yellow; flesh zoned yellow and white; sweet and productive.

**VILMORIN'S IMPROVED SUGAR.** An improvement on the White French Sugar; used extensively for making beet sugar.



Dark Red Detroit

## SPECIAL OFFER

All 10c Pkts., 3 for.....	\$0.25
7 10c Pkts. for.....	.50
15 10c Pkts. for.....	1.00
All 5c Pkts., 6 for.....	.25

### BEETS ALL WINTER

Late sown Beets may readily be kept for winter use, if packed in a slightly moist soil or sand in a cool cellar. We recommend Detroit Dark Red for this purpose.

## CARROTS

Pkt.	Oz.	¼ lb.
5c	10c	25c

**CULTURE**—Plant seed one-half inch deep in loose, well prepared soil, in rows 16 inches apart. Thin 2 to 4 inches in row. Plant from early spring to mid-June.

**DANVER'S HALF LONG.** 75 Days. The best known second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and good quality.

**CHANTENAY HALF LONG (The Model).** 72 Days. Excellent medium early half-long stump rooted variety; roots about 6 inches long, very thick, smooth and of a deep orange-red color.

**IMPROVED LONG ORANGE.** 88 Days. An excellent intermediate season, standard sort; roots 12 inches long, about 3 inches broad at the crown, tapering regularly to a point; deep orange color.

**OXHEART, OR GUERANDE.** 72 Days. Mature roots 4½ to 5 inches long, very stout and thick, ending in an abrupt small tap root; small top and easily harvested; color light bright orange.



Chantenay Carrot



Surehead

## CAULIFLOWER

### FINE DANISH GROWN STOCK

(1 oz. of seed will produce 3,000 plants)  
Pkt., 25c; Oz., 75c

**CULTURE**—The Cauliflower requires cool, moist weather for its development; it will not head in hot weather. Sow in hotbed very early during January or February. Transplant into deep, rich, moist, well worked soil as soon as frost ceases, one foot apart in rows two feet apart. Cultivate very frequently. They should be kept growing rapidly. When the flower begins to form draw the leaves over and pin or tie them together to protect the heads from the sun. For autumn use sow in June.

**EARLY SNOWBALL.** The best variety for general use. Of dwarf habit, and produces fine, large, white heads in a very short time. Always tender and sweet.

**DANISH DRY WEATHER.** A new strain developed in Denmark to stand hot, dry weather. It matures later than the Snowball, producing large, solid, pure white heads of excellent quality.

## CHINESE CELERY or CABBAGE

Pe Tsai—Chihli

**CULTURE**—About 65 days. Sow last half of July or first of August for best results in this section. When matured this plant resembles cos lettuce more than cabbage. Used in salads or may be cooked like cabbage or asparagus. Plants should be banked as they grow, or the leaves tied up over the center to produce celery-like form.

**CHINESE CABBAGE (Wong Bok).** 80 days. The heads of this variety are shorter and broader than Pe Tsai, the in-curving leaves producing a tighter, more compact head.

## COLLARDS

Pkt., 5c;  $\frac{1}{4}$  lb., 30c.

Plant two to three feet high, forming a cluster of tender leaves at the top of its rather long stem.

## SPECIAL OFFER

FIVE 5c PKTS. OF SEED, YOUR SELECTION FROM CATALOG FREE WITH EACH \$1.00 ORDER OF GARDEN SEEDS.

## CABBAGE

Pkt.	Oz.	$\frac{1}{4}$ lb.
10c	20c	50c

**CULTURE**—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1 in rows  $2\frac{1}{2}$  feet each way.

**GOLDEN ACRE.** 66 Days. The earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact; heads of medium size, round as a ball, hard, solid and very uniform.

**COPENHAGEN MARKET.** 70 Days. Very fine, nearly as early as Jersey Wakefield; stem short, heads large, round and solid, with few outer leaves of an upright growth.

**ALL SEASONS.** 85 Days. Heads large, round and very deep; can be planted for early or late crop; a splendid keeper; in season a late second early, coming in with Early Flat Dutch; a favorite with kraut manufacturers.

**EARLY JERSEY WAKEFIELD.** 65 Days. The most widely known and popular extra early variety; heads are broad cone shaped and very solid. Our stock is very dwarf, compact and extremely early.

**CHARLESTON LARGE WAKEFIELD.** 75 Days. About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

**LATE FLAT DUTCH.** 95 Days. A justly popular and esteemed variety; extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy.

**EARLY FLAT DUTCH.** 70 Days. Earlier and heads somewhat smaller than Late Flat Dutch; a good short stemmed second early.

**RED ROCK.** 110 Days. The largest and surest heading red cabbage; more deeply colored at the heart than Red Dutch; medium to long stem.

## CELERY

Pkt., 10c

**CULTURE**—Sow in beds in February or March and keep them well watered. Transplant to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top; 1 ounce of seed produces 2,000 plants.

**GOLDEN SELF BLANCHING DWARF.** 118 Days. This sort is without doubt the finest early celery in cultivation. Plants compact and starchy, with yellowish-green foliage; stalks perfectly solid, of a fine, nutty flavor attains a good size; branches a handsome golden yellow color.

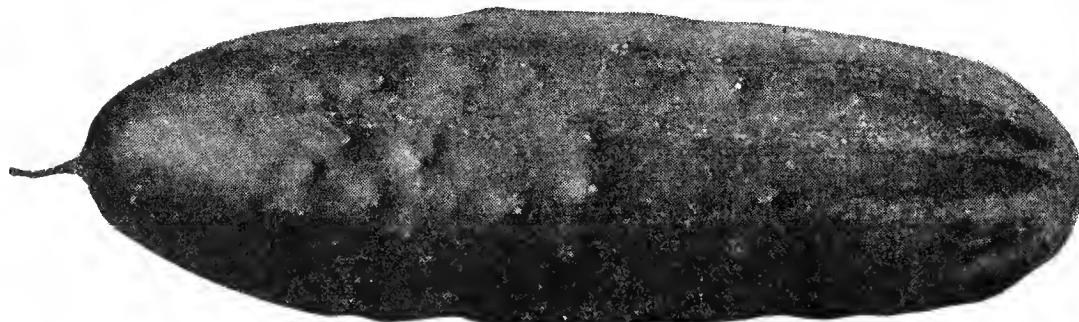
**GOLDEN PLUME or WONDERFUL.** 112 Days. Resembles Golden Self Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

**IMPROVED WHITE PLUME.** 112 Days. A very early, handsome variety; leaves light, bright green; easily blanched a beautiful silvery-white color. A popular sort for first early market.

**GIANT PASCAL.** 135 Days. A compact, vigorous, productive variety and one of the best for winter use; leaves upright, short and dark green; stalks short, thick and very broad; blanches a beautiful yellowish-white.

## CUCUMBERS

Pkt.	Oz.	$\frac{1}{4}$ lb.
5c	10c	30c



Do not plant until soil becomes thoroughly warm. Cover seed  $\frac{1}{2}$ -inch, plant in hills 3 feet apart, rows 5 feet, 6 to 8 seeds, thin to 3 or 4. 1 oz. will plant about 100 hills. 2 lbs. to acre.

**SNOW'S PERFECTED PICKLE.** 52 Days. The most symmetrical, best formed and productive pickling sort; early, small, square ended and deep green.

**LONG GREEN, IMPROVED.** 70 Days. A standard late, well-known table sort; 12 to 14 inches long, slender, more or less warty, tapering towards the stem end; color dark green, flesh white and firm.

**WHITE SPINE, IMPROVED EARLY (Arlington).** 65 Days. One of the very earliest and best known of the White Spines; a short square ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color.

**EARLY FORTUNE.** 65 Days. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance.

**EARLY FRAME or SHORT GREEN.** 56 Days. Vigorous and productive; medium in size and earliness; good for pickling and slicing; fruit light green and is inclined to be three-cornered rather than round.

**WHITE WONDER.** 60 Days. Fruit, produced in clusters, is symmetrical, short, blocky and rounded at both ends; color ivory-white from time of forming until maturity.

**GHERKIN.** 50 Days. Grown exclusively for pickles; fruit very small, oval and covered with spines; color light green.

**LONGFELLOW.** 72 Days. Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface, retain the color remarkably long after picking; white spined. 12 to 14 inches long;  $2\frac{1}{2}$  to  $2\frac{3}{4}$  inches thick. Straight, well filled at ends; very few seeds.

**STRAIGHT 8.** Fruits symmetrical, cylindrical, about  $8 \times 1\frac{1}{2}$  inches, well rounded at the ends. Color deep green. Ideal for shipping and home use.

## CELERIAC or Turnip-Rooted Celery

**CULTURE**—Sow the latter part of April, covering seeds  $\frac{1}{4}$  of an inch. Thin out to about 1 inch apart in the row and transplant into rows  $1\frac{1}{2}$  feet apart and 6 inches apart in the row.

**Uses**—Served as a salad with French dressing, or served hot with cream sauce.

Roots are turnip-shaped, very smooth, tender and marrow-like. Pkt., 5c; oz., 25c.

## SWEET CORN

Pkt.	1 lb.	5 lbs.
10c	25c	\$1.10

**CULTURE**— $\frac{1}{2}$ -lb. will plant 100 hills. Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, in rows 3 feet apart, making the hills about 1 ft. apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.

**STOWELL'S EVERGREEN**. 105 Days. The standard and best sweet corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep, sweet grain.

**COUNTRY GENTLEMAN (Shoe Peg)**. 93 Days. An especially fine quality corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation.

**GOLDEN BANTAM**. 85 Days. Early, golden yellow and of the finest quality. Ears 8 rowed and 6 to 7 inches long.

**ADAM'S EARLY**. 90 Days. Not a sugar corn, but largely grown for early use; hardy, standing early planting and the thick, hard husks preventing entrance of the corn worms. Ears 7 to 8 inches long, 12-rowed.

**EARLY MINNESOTA**. 90 Days. Very popular standard, early sort. Ears about 8 inches long, 8-rowed; kernels very broad, sweet and tender.

**GOLDEN SUNSHINE**. 80 Days. Of the Golden Bantam type but a week to 10 days earlier. Ears 12-rowed, kernels broad, yellow and sweet.

**HOWLING MOB**. The leading white, second early. Productive and of extra fine quality. Ears 9 to 10 inches long with 14 rows.

**TRUCKER'S FAVORITE**. Best roasting ear; not a true Sugar Corn. Stalks about 8 ft. tall, ears are of medium length and thickness, average 7 to 8 inches, with 12 or 14 rows. Kernels are white. Long, tight husks protect the ear from worms and the corn is very tender when in the roasting ear stage.

**GOLDEN CROSS**. Here is a fine new variety that is an improvement in every way over the ordinary Golden Bantam. A week later than Golden Bantam; grows  $4\frac{1}{2}$  to 5 feet tall. Ears are larger and longer, and have 10 to 14 or 16 rows of tender, rich, full-flavored yellow kernels, somewhat lighter than regular Bantam. Produces almost twice the yield of Golden Bantam and in every way is a wonderful new Sweet Corn. Pkt., 15c; 1 lb., 50c; postpaid.

## CHIVES

Used for seasoning, has a very strong onion flavor and is one of the earliest all-year plants to come up. Multiplies very fast. Lives forever. Clump of roots, 15c each; \$1.00 per dozen by express. By mail, 10c a dozen extra.

## CHICORY

**LARGE ROOTED or COFFEE**. Sown in drills, the roots become well developed. When they are dried, roasted and ground, they become the chicory of commerce, and are used in adulterating coffee. Pkt., 10c; oz., 15c.

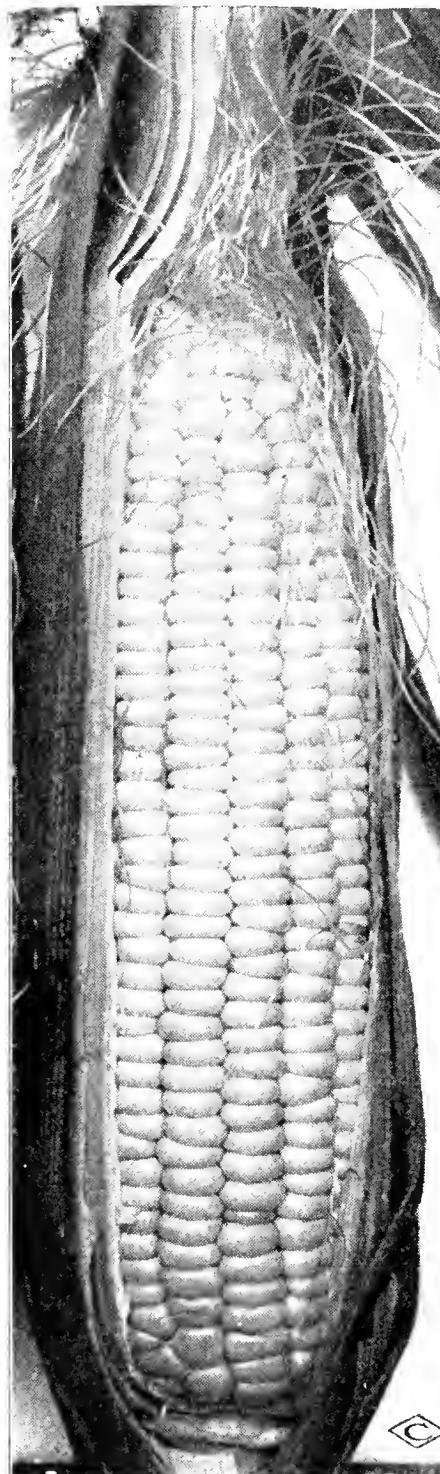
## ENDIVE

**CULTURE**—Sow in August in shallow drills, twelve to fifteen inches apart, and thin to one foot in drills. When fully grown tie over the outer leaves of a few plants every week or ten days to blanch.

Pkt.	Oz.
Green Curled Mammoth.....	\$0.05
Ever-White Mammoth .....	.05

## SPECIAL OFFER

FIVE 5c PKTS. SEED, YOUR SELECTION FROM CATALOG, FREE WITH EACH \$1.00 ORDER OF GARDEN SEEDS.



Golden Bantam

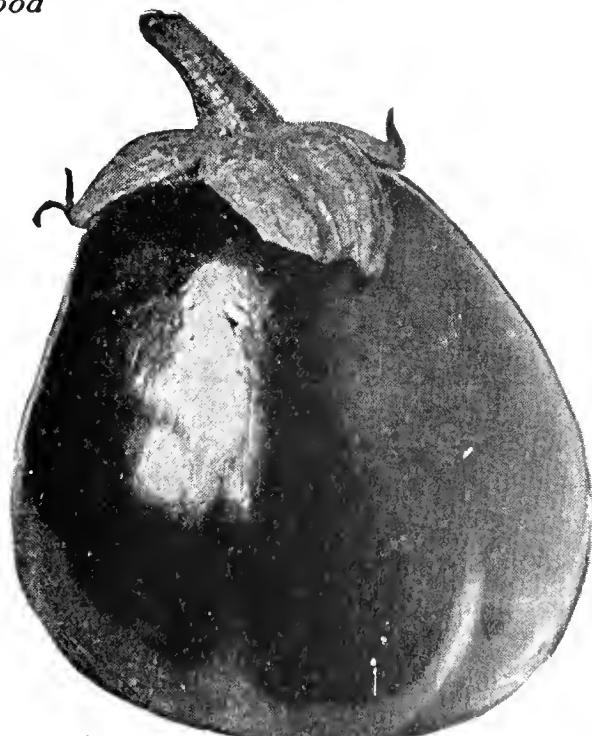
## VIGORO

Complete plant food

## CRESS

**CURLED or PEPPER GRASS**. Very hardy, fast growing annual which produces in a few weeks a good supply of attractive, finely curled dark green foliage which is splendid for garnishing and of a pleasant pungent flavor. The plant is decorative.

**WATER CRESS**. 50 Days. A favorite dressing for dishes and a desirable form of Greens. Will only thrive well when the roots are submerged in water, grows best along banks of small running streams.



Black Beauty Eggplant

## GARLIC

**FOR SEED**. Thrives best in light, well-enriched soil. Bulbs should be planted in the fall 6 to 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs.  $\frac{1}{4}$  lb., 15c; 1 lb., 50c.

## KALE or BORECOLE

**DWARF GREEN**. Sow in autumn for sprouts of green; desirable in every garden. Height 8 inches. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.

**TALL GREEN SCOTCH**. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.

## LEEK

**GIANT FLAG**. Similar to onions in flavor, but milder and preferred by many. Excellent for soups, stewed or creamed. Edible parts 6 to 8 inches long, 3 inches in diameter. Pkt., 10c; oz., 20c.

## KOHL-RABI

Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulbs should be used while young and tender. Set plants 8 inches apart.

**EARLIEST WHITE VIENNA**. Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**EARLIEST PURPLE VIENNA**. Same in every respect as earliest White Vienna, except in the outside color.

## EGGPLANT

(1 oz. will produce 1,500 plants)

Pkt.	Oz.	$\frac{1}{4}$ lb.
10c	40c	\$1.25

**CULTURE**—Plant requires continuous warm weather for best results. The seed germinates slowly and should be started in a hotbed. The plants may be set out in the open ground when 2 inches tall if continued warm weather is in prospect. Space the plants  $2\frac{1}{2}$  to 3 feet apart. Young plants should be shaded from hot sun.

**LARGE NEW YORK PURPLE IMPROVED**. The standard home and market sort. Plants large, 30 to 36 inches tall; very productive, commonly bearing 4 to 6 or more large, handsome, dark purple, symmetrical broad egg-shaped fruits.

**BLACK BEAUTY**. The earliest of all large-fruited Eggplant, ten days to two weeks earlier than the New York Purple. The color is a rich shiny purplish black. It is entirely free from spines.

**LETTUCE**

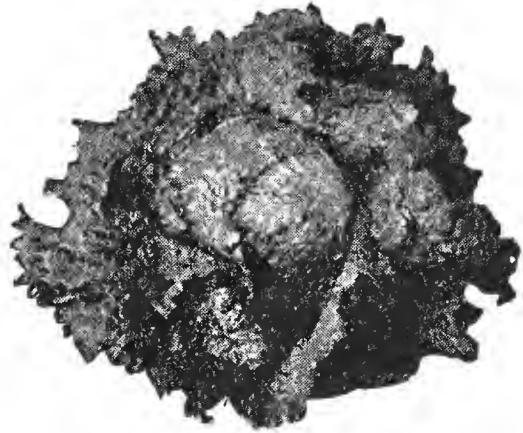
**1/2 Ounce to 100 Feet Drill**  
Pkt., 5c; Oz., 10c.

**CULTURE**—For an early crop sow under glass in February and transplant on a well prepared bed, in some sheltered corner, in April. For successive crops sow in beds of well pulverized soil in March and at intervals of about a fortnight until the end of May.

**ALL SEASONS.** 50 Days. A large heading variety which may be sown early in the spring and will head during warmer weather than will permit most other sorts to head. The solid hearts are creamy yellow.

**EARLY CURLLED SIMPSON.** 50 Days. A large, loose-leaved sort. Leaves broad, crumpled, and well frilled at the edges. Color, light green.

**BLACK SEEDED SIMPSON.** 50 Days. A popular loose-leaved sort of excellent quality. A fine early home garden sort. Leaves broad, blistered and crumpled.



**BIG BOSTON.** 75 Days. Heads large and compact. Color, light green, slightly tinged reddish brown. Heart greenish white tinged with yellow.

**GRAND RAPIDS FORCING.** 50 Days. The favorite loose-leaf forcing sort and an excellent outdoor sort. Large, beautiful leaves, very crisp and tender.

**PRIZEHEAD EARLY.** 50 Days. A crisp, tender, loose-leaved sort, produces large, loose heads, the outer portions of which are shaded with brown.

**NEW YORK (Wonderful).** 80 Days. A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Pkt., 10c; oz., 15c.

**ICEBERG.** All of the Crisphead Lettuces are good in warm weather. Iceberg is the earliest of the class and makes very large solid heads of crisp, incurved, light green leaves.

**IMPROVED HANSON.** Loose heads of crumpled light green leaves. A reliable summer lettuce for home gardens.

**SPECIAL OFFER**

All 10c Packets, 3 for.....	\$0.25
7 10c Packets for.....	.50
15 10c Packets for.....	1.00
All 5c Packets, 6 for.....	.25

**REGARDING NUMBER OF DAYS TO MATURITY**

The number of days required by any particular variety to produce garden stuff ready for table use varies from year to year and depends upon growing and seasonal conditions. In our description of most varieties we are giving the average number of days from seed to edible stage. Time given for broccoli, cabbage, cauliflower, pepper and tomato is days from setting plants to marketing fruits. Figures are based on growing conditions here and are meant only for convenience in comparing earliness of varieties.

**MUSTARD**

35-40 Days

Pkt. 5c	Oz. 10c	1/4 lb. 20c	Lb. 60c
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**CULTURE**—Sow the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow 50 feet of row.

**FORDHOOK FANCY 'Ostrich Plume'.** A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings.

**SOUTHERN GIANT CURLLED.** Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South.

**MUSTARD SPINACH (Tendergreen).** An oriental type of mustard greens sold in the South under many confusing names. A desirable quick growing, tender variety, with long, broad, fairly smooth leaves and white midribs; slow to seed.

**WHITE LONDON.** Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow.

**SPECIAL OFFER**

**FIVE 5c PKTS. SEED, YOUR SELECTION FROM CATALOG, FREE WITH EACH \$1.00 ORDER OF GARDEN SEEDS.**

**ALL PACKETS AND OUNCES POSTPAID. SEE PAGE 12 FOR COMPLETE GARDEN SEED LIST.**

**MUSKMELONS**

Pkt. 5c	Oz. 10c	1/4 lb. 35c	Lb. \$1.00
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**CULTURE**—Muskmelons grow best in light soil. Plant in hills about six feet apart, mixing in each hill about a shovelful of well rotted manure. Sow about a dozen seeds in every hill, early in May, and when well started thin out to three or four of the strongest plants.

**ROCKY FORD.** 95 Days. This is the most popular of the basket melons; oval, light ribbed, densely covered with coarse green netting, flesh thick, green and sweet, highly flavored.

**POLLOCK'S No. 10-25.** 95 Days. A very popular, standard, Rocky Ford shipping melon, having a hard gray netting and salmon-tinted flesh.

**HEARTS OF GOLD.** 90 Days. Fruit round, with tendency to heart shape, flesh very thick, deep salmon color and of high quality.

**HACKENSACK.** 95 Days. Fruit large, round, flattened at the ends, deeply and irregularly ribbed, coarsely and heavily netted; flesh green, thick and of fine quality.

**MONTRÉAL GREEN NUTMEG (Montreal Market).** 95 Days. Excellent; very large, often weighing 18 to 20 pounds; fruit round, flattened at both ends, medium green, deeply ribbed and well netted; flesh remarkably thick and of superior quality.

**BANANA CANTALOUPE.** 100 Days. Shaped somewhat as name indicates; grows about 2½ feet long; flesh deep salmon color.

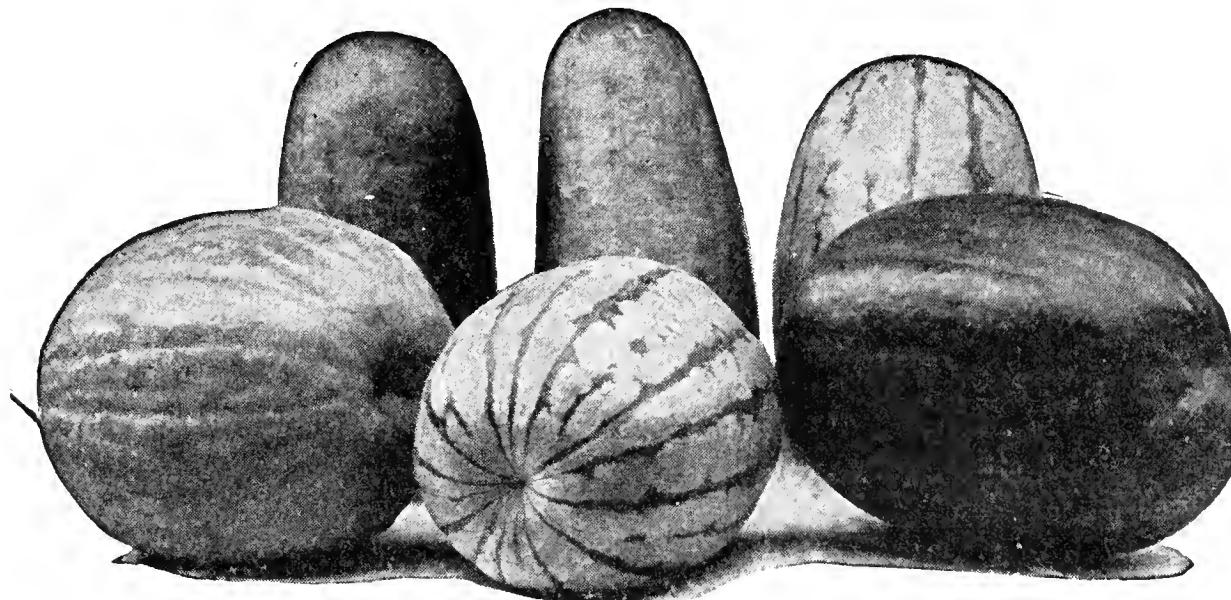
**HALE'S BEST.** 85 Days. Early; are oval in shape, about 6 in. long by 4½ in. in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color.

**LONG YELLOW CANTALOUPE.** 95 Days. Large, long, oval and deeply ribbed; flesh light salmon, very thick and sweet.

**HONEY DEW.** 110 Days. Fruit large ovoid in form, about 10 inches long and 8 inches in diameter; surface smooth and hard creamy white in color turning to a lemon tint when fully ripe; flesh light emerald green, very thick, ripening to the rind, very tender and melting, with an extreme sweetness found in no other melon.

For  
Spraying  
Melons  
Use  
Tobacco  
Dust  
Black  
Leaf  
40





### WATERMELONS

Pkt.	Oz.	$\frac{1}{4}$ lb.
5c	10c	25c

**CULTURE**—Treat as for muskmelons, but give more room, 10 to 12 feet apart each way. Watermelons do best on old, rich soil, which is not too freshly manured, hence when making the hills, well-rotted manure should be used, and it is better to prepare them some time ahead before planting the seed. If manure cannot be obtained, use good commercial fertilizer or sheep manure mixed with the soil. One ounce plants 20 hills; 4 pounds per acre. Plant early in May or for later use, in June.

**DIXIE QUEEN.** A leader for home gardens, local markets, and for shipping. Fruits nearly round with light and dark green stripes; thin, tough rind; flesh deep scarlet, crisp and sweet. Medium to large size, and very uniform. The few seeds are white.

**IRISH GRAY.** Free from hard centers and strings, very firm, and does not break when sliced. Matures in about 90 days. Greenish gray color; does not sunburn.

**TOM WATSON.** Immensely popular because there is delicious sweetness. The flesh is rich red, crisp and tenderly melting. Reaches the size of 24 to 28 inches in length, and 12 to 14 inches in diameter. It has a mottled, dark green rind, thin, but tough enough to stand shipping.

**HALBERT HONEY.** The melons are oblong in form, skin is smooth, of dark green color, thin, and rather brittle; on this account the melons do not stand shipping well. But for home use, they are excellent.

**KLECKLEY SWEET.** Well named, for the flesh of this melon is sweet as honey. The rind is dark green, and only about one-half inch thick. Seeds are white, lying close to the rind, leaving a large solid heart.

**SWEETHEART.** Vine vigorous and productive. Fruit large, rounded or slightly oblong; skin pale green, with bands of deeper color, flesh red, melting and very sweet.

**STONE MOUNTAIN.** A very fine melon, especially popular in the southern states, where the fruits frequently weigh 50 to 80 pounds. The flesh is solid, bright scarlet in color, has few seeds, and is very sweet.

**"KING AND QUEEN" WINTER WATERMELON.** Spherical in shape, ivory shell, pink center, seeds black. Average weight 25 pounds. The most luscious, handsome and valuable winter melon in the world.

**GOLDEN HONEY.** The best of the yellow fleshed melons. It is oblong in shape and the average weight is 20 pounds. The rind is dark green with irregular stripes of darker green. Edible in 90 days.

**CITRON.** For preserving. Fruit very similar to the watermelon, but the flesh is used exclusively for sauces, pies, and preserving. The flesh is white, will keep solid all winter, and has a delicious flavor after it is cooked.

### POP CORN (Shelled)

**JAPANESE HULLESS.** A dwarf growing corn. Heavy yielder. Pkt., 10c. Postpaid.

**S. AMERICAN.** Fine yellow variety. Pkt., 10c. Postpaid. (Write for prices on larger quantities.)

### OKRA or GUMBO

Pkt.	Oz.	$\frac{1}{4}$ lb.
5c	10c	25c

**CULTURE**—Sow after soil is warm in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender, before the woody fiber develops.

**LONG GREEN.** Very early and productive. Plant 3 feet high; pods bright green,  $7\frac{1}{2}$  inches long, straight, slender, pointed and slightly corrugated; a desirable market variety.

**WHITE VELVET.** Grows  $3\frac{1}{2}$  feet high; is early and productive. Pods are creamy white, long, smooth, slender, and tender.

### ONION SEED

Pkt.	Oz.	$\frac{1}{4}$ lb.
10c	20c	60c

**CULTURE**—Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one-inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

**LARGE RED WETHERSFIELD.** 110 Days. One of the oldest and best known types of onion. A fine, large, rather flat sort of a deep purplish-red color; noted for its productiveness and keeping qualities; used largely in the production of onion sets.

**SOUTHPORT LARGE RED GLOBE.** 130 Days. The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped with a small neck, and are excellent keepers; color a deep purplish-red.

**PRIZETAKER.** 100 Days. One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color.

**YELLOW GLOBE DANVERS.** 110 Days. Bulbs medium large, round, yellow, firm and solid. Flesh white, with slight yellow tone.

**SOUTHPORT WHITE GLOBE.** 110 Days. Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snowy-white in color and exceedingly mild.

#### RIVERSIDE SWEET SPANISH.

98 Days. Nearly globular in form, resembling Prizetaker, but grows to golden yellow in color of skin; flesh white and very mild.

#### WHITE PORTUGAL or SILVER-SKIN.

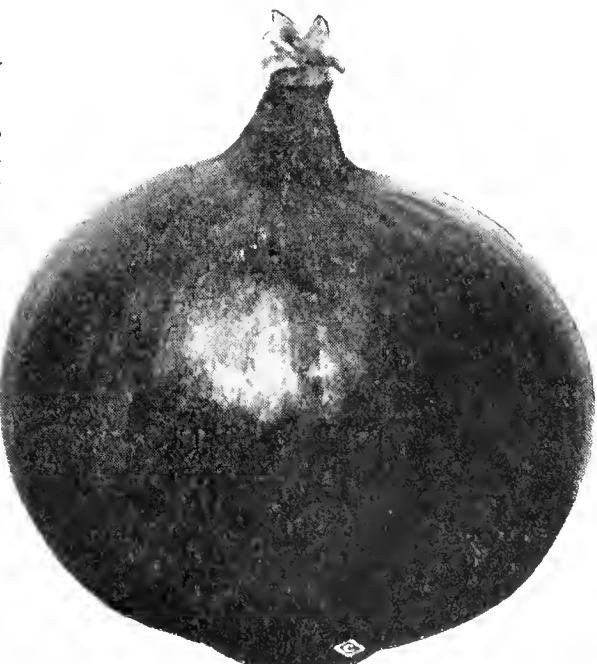
100 Days. A large, flat, white onion of mild and pleasant flavor; hard and fine-grained.

#### CRYSTAL WAX.

90 Days. Bulbs round, medium sized, solid, skin thin and delicate; flesh waxy white, fine grained, and mild.

#### YELLOW or WHITE BERMUDA.

88 Days. Medium sized, flat sort. Skin light straw color, thin and loose; flesh nearly white, coarse, sweet and mild.



### ONION SETS

Tops, 28 lbs. per bu.; bottoms, 32 lbs. per bu. It takes 8 bu. to set an acre.

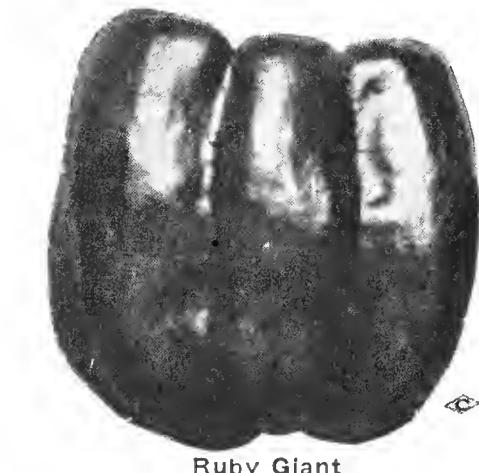
Price on application for the following varieties:

RED WETHERSFIELD  
AUSTRALIAN BROWN  
WHITE SILVERSKIN  
YELLOW GLOBE

POTATO ONION  
WINTER TOPS  
MULTIPLIERS  
SUMMER TOPS

### BERMUDA ONION PLANTS

We can furnish the genuine Crystal White Wax and Yellow Bermuda, tied 100 to the bundle and 6,000 to the crate, at 15c per hundred and \$1.00 per thousand, postpaid.



Ruby Giant

**PARSLEY**

1 Oz. to 100 Feet Drill.

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing; also for ornamental border in the flower garden; succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring.

**CHAMPION MOSS CURLED.** This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Pkt., 5c; oz., 15c; 1/4 lb., 35c; postpaid.

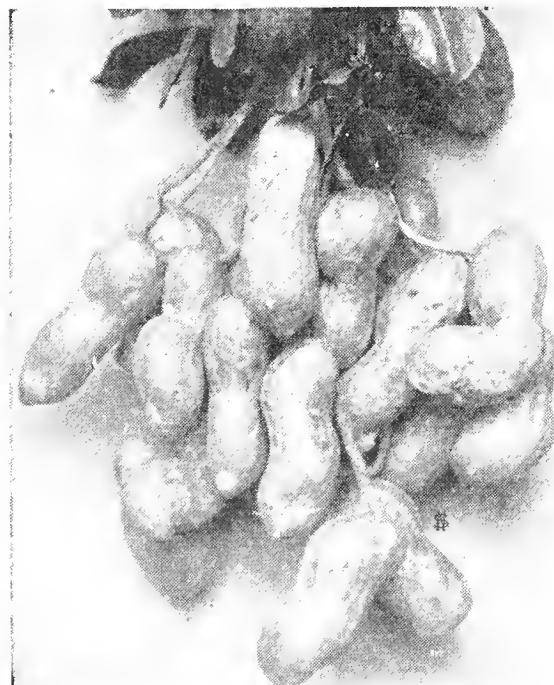
**EXTRA TRIPLE CURLED.** Very finely curled variety of dark green color. One of the best varieties for all purposes. Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**DOUBLE CURLED.** An excellent variety for garnishing meats. Pkt., 5c; oz., 15c; 1/4 lb., 40c; postpaid.

**PARSNIPS**

**CULTURE**—Sow the seed thickly in rows 1 1/2 to 2 feet apart as early in the spring as the ground can be worked. Give frequent and thorough cultivation. When the plants are well up thin 4 to 6 inches in the row. Seed can be sown from February to May.

**LARGE SUGAR or HOLLOW CROWN.** The market gardener's favorite. Considered the best for general culture. Pkt., 5c; oz., 10c; 1/4 lb., 35c; postpaid.

**PEANUTS**

This crop is naturally adapted to a light, sandy land. When properly cared for, it will yield a good profit as a market crop or as pasture for hogs. Shell the seed before planting, and plant in rows 3 feet apart, hills 10 inches apart. Peanuts should be planted in May or June.

	Lb.	5 lbs.
Tennessee Red .....	\$0.25	\$1.00
Virginia .....	.25	1.00
Spanish .....	.25	1.00
		Postpaid

**PEPPERS**

1 Oz. Will Produce About 2,000 Plants.

Pkt.	Oz.
10c	45c

**CULTURE**—Sow in hotbeds in March or April; transplant in open ground when all danger from frost is over, in rows 3 feet apart and 2 feet apart in row.

**LARGE BELL or BULL NOSE.** 120 Days. Large, mild, thick-fleshed variety. One of the best for stuffed pickles.

**CHINESE GIANT.** 130 Days. Plant of short, stocky growth, with light green foliage; fruits pendent, thick, blocky and square ended, 4 to 5 inches in diameter and of equal length; color radiant glossy scarlet.

**CALIFORNIA WONDER.** 120 Days. Resembles Chinese Giant in the large size and "blocky" form of its fruits, but having an extremely thick flesh not possessed by that variety. Fruit upright, crimson, measuring 4 1/2 in. in length by 4 in. in diameter, mild and sweet.

**RUBY GIANT.** A cross between the Ruby King and the Chinese Giant, having the good qualities of both. The peppers are of very large size and so sweet and mild that they can be eaten raw. The flesh is very thick and when ripe is of a deep red color; matures early.

**RUBY KING.** 110 Days. Very large, sweet and solid, bright scarlet.

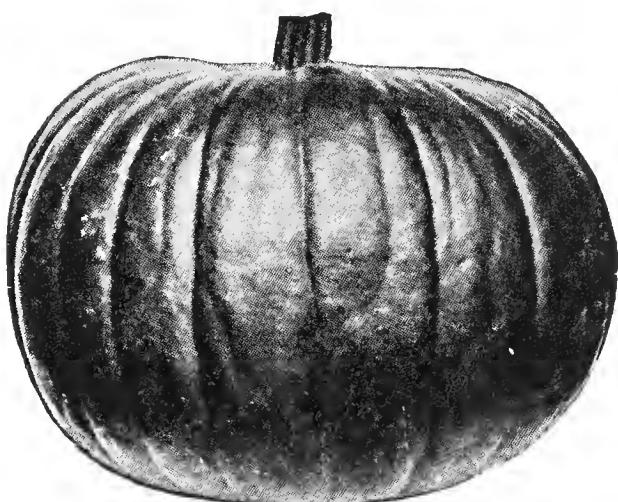
**PIMENTO.** 100 Days. A very thick fleshed, heart-shaped, smooth, mild, crimson variety, much used for salads; fruit pendent; 3 1/2 in. long by 2 1/2 in., greatest diameter; rather late in season.

**GOLDEN QUEEN.** 120 Days. One of the largest of the sweet, yellow peppers; resembles Ruby King in size, form and mild flavor, but is a bright, golden-yellow color.

**SUNNYBROOK.** A tomato-shaped, sweet red pepper of much merit. Fruit upright, 3 in. in diameter by 2 1/2 in. in depth with thick flesh; moderately early.

**PUMPKINS**

Pkt., 5c



King of Mammoth

**CULTURE**—After danger of frost is over plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to 3 plants to a hill. Use 3 to 4 pounds of seed per acre; 1/4 pound for 75 hills.

**LARGE CHEESE or KENTUCKY FIELD.** Large, round flattened fruits, much ribbed and creamy buff in color; flesh yellow, very deep and of fine quality; one of the best canning sorts.

**KING OF THE MAMMOTH.** The giant among pumpkins. Often weigh over 100 pounds. Salmon skin. Flesh bright yellow, fine-grained and of good quality.

**CUSHAW, STRIPED.** Of the crookneck type with mottled green and white stripes; fruit will weigh from 10 to 15 pounds; flesh yellow, very solid and fine grained.

**CUSHAW, WHITE (Jonathan).** A popular crooknecked variety with a hard, creamy-white shell; fruits two feet in length, with long, solid, meaty necks; fine quality.

**TENNESSEE SWEET POTATO.** Pear-shaped, skin and flesh a creamy white. Flesh thick and when cooked resembles sweet potatoes.

**SWEET or SUGAR (New England Pie).** Fruits small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality.

## GARDEN PEAS

Pkt.	Lb.	5 Lbs.
10c	25c	\$1.10

Sow Peas as early in the spring as the ground can be worked, in drills about 4 inches deep. The rows must not be nearer than 2 feet, except for the dwarf sorts. Those growing 3 feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow 40 feet of drill; 55 to 100 pounds for an acre, in drills 3 feet apart.

### EARLY SMOOTH VARIETY

**ALASKA.** 56 Days. Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

**FIRST and BEST.** Not quite as early as Alaska, but is prolific and hardy. Plant is 2½ feet high, producing medium sized pods well filled.

**AMERICAN WONDER.** 60 Days. One of the earliest of the green wrinkled sorts. Vine 10 to 14 inches high, dark green, fairly coarse. Very prolific. Pods of striking form, 2½ to 3 inches long, containing 5 to 8 tender sweet flavored peas. Dry seed, green, wrinkled.

**CHAMPION OF ENGLAND.** 78 Days. One of the richest, best flavored late peas; well known and popular. Height 4½ feet. Vine stout, deep green; pods, often in pairs, medium green, 3½ inches long, straight, nearly round and blunt ended, containing 8 light green peas; productive. Season following Telephone.

**GRADUS or PROSPERITY.** 62 Days. A standard, early large podded variety, very popular with market gardeners. Height 3 feet. Vine and foliage moderately heavy and medium green; pods medium green, 3¾ in. long, semi-round, straight, slightly curved at the tip, and pointed, containing 6 to 8 large, very sweet, medium green peas; moderately productive and of high quality.

**MARROWFAT, LARGE WHITE.** 80 Days. An old time smooth, round, white seeded pea, growing five feet in height. While immensely productive the quality is below the average. Pods light green, 3 inches long.

**LITTLE GEM, PREMIUM.** 65 Days. An improved and more dwarf strain of McLean's Little Gem. Height 1½ feet. Foliage dark green; pods light green 3 in. long, round, square ended and well filled with 6 to 8 light green peas of good quality; very productive.

**LITTLE MARVEL.** 64 Days. An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height 18 in. Foliage and pods very deep green; pods 3 in. long, nearly round and square ended, containing 7 very dark green peas of high quality.

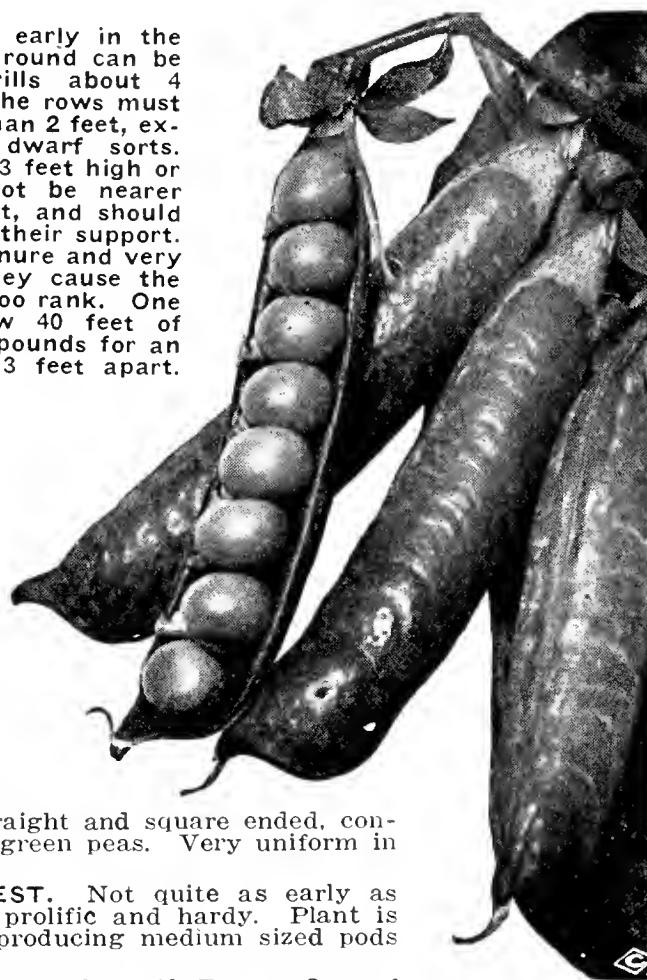
**NOTT'S EXCELSIOR.** 60 Days. A standard, extra early dwarf pea. Height 1½ feet. Foliage medium green, stout and heavy; pods light green, 3 inches long, round, straight and blunt ended, containing 6 light green peas of high quality; productive.

**TELEPHONE.** 76 Days. A standard, high quality, large podded pea. Height 4½ feet. Vine and foliage strong and heavy, medium green. Pods 4½ in. long, medium green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive.

**THOMAS LAXTON.** 65 Days. A very popular gardener's variety. Height 3 feet; vine and foliage moderately stout, medium green; pods medium green; 3½ inches long, straight, nearly round and square ended, containing 7 medium dark green peas of superior quality. Compared with Gradus is a little earlier, more productive, but with a smaller, less broad pod.

**SUGAR, TALL GRAY SEEDED (Edible Pod).** 75 Days. Height 4 feet. Blossoms purple. Vine medium heavy, medium green; pods light green, 2½ in. long, ½ in. broad, square ended, containing 7 light green peas; quite late.

**SUGAR, DWARF GRAY SEEDED (Edible Pod).** 75 Days. Height 3 feet. Purple blossoms. Quite like Tall Gray, but earlier and of shorter growth.



## RHUBARB or PIEPLANT

Highly esteemed for pies, tarts, jelly and marmalade. Sow in drills 1 foot apart early in spring. In the fall or next spring transplant 3 feet apart in deeply dug, rich soil.

**MAMMOTH VICTORIA.** Largest, most productive variety. Large pkt., 10c; oz., 15c; ¼ lb., 50c.

**RHUBARB ROOTS.** Set in spring, they will furnish leaf stalks the following season. Large roots, each, 10c; doz., \$1.00.

## RADISHES

Pkt.	Oz.	¼ lb.
5c	10c	25c

**CULTURE**—To be tender and crisp radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days, in a light, rich, deeply-worked soil. One ounce will plant 50 feet; 8 to 10 pounds one acre.

**ICICLE.** The Finest White Radish. An ideal white radish: long, slender root, which remains crisp and mild until grown large. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.

**CRIMSON GIANT.** 25 Days. Extremely large, but never pithy. One of the best for outdoor culture. Top is a little too large for a forcing sort; intermediate in season.

**EARLY SCARLET TURNIP.** 23 Days. A well known variety; very quick grower.

**EARLY SCARLET TURNIP, WHITE TIPPED (Rosy Gem).** 24 Days. Round, deep scarlet, shading to a white tip on the bottom; very early; used extensively both as a forcing and outdoor sort.

**FRENCH BREAKFAST.** 25 Days. Of oblong form, small and quick growing; color bright rose-scarlet, with small, white tip; good outdoors or under glass.

**SAXA.** 22 Days. The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. We have an excellent stock of this radish and can highly recommend it.

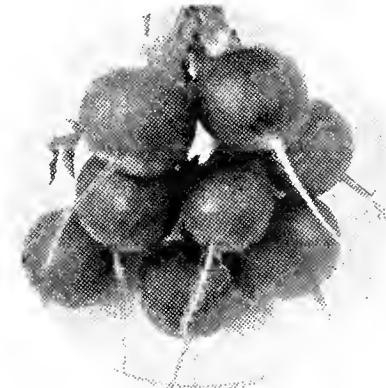
**WHITE STRASBURG.** 39 Days. Popular with market gardeners for summer use. Roots about 5 inches long, 1½ inches thick at the shoulder, tapering and smooth. Skin and flesh white, crisp and slightly pungent. Continues in marketable condition longer than most varieties.

**WHITE VIENNA or LADY FINGER.** 30 Days. Similar to White Icicle, but more slender and several days later. Roots 5½ to 6½ inches long, ½-inch thick, sleek, tapering; skin white, with tinge of green on the sloping shoulder.

**LONG SCARLET, SHORT TOP.** 27 Days. A standard sort for home gardens and for truckers. Roots smooth, uniform, 5 to 6 inches long, tapering, with white crisp flesh; color dark scarlet; tops small.

**VICK'S SCARLET GLOBE.** 22 Days. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet.

**SPARKLER.** 20 Days. Deep scarlet with a pure white tip. In shape it is nearly round. Owing to its attractive color, and its extreme earliness it has long been a favorite for home use and market. The radish is solid, crisp and sweet, very good quality.



## WINTER RADISHES

Sow in June and July.

**WHITE CHINESE or CELESTIAL.** A beautiful, large, white radish grown very extensively by the market gardeners for fall and winter trade. Root is white, cylindrical, very firm and mildly flavored.

**CALIFORNIA MAMMOTH WHITE.** 60 Days. An excellent fall variety. Roots 7 to 8 inches long, 2 inches thick; cylindrical, and thickest at lower end; leaves large, light green; flesh white, crisp and not pungent.

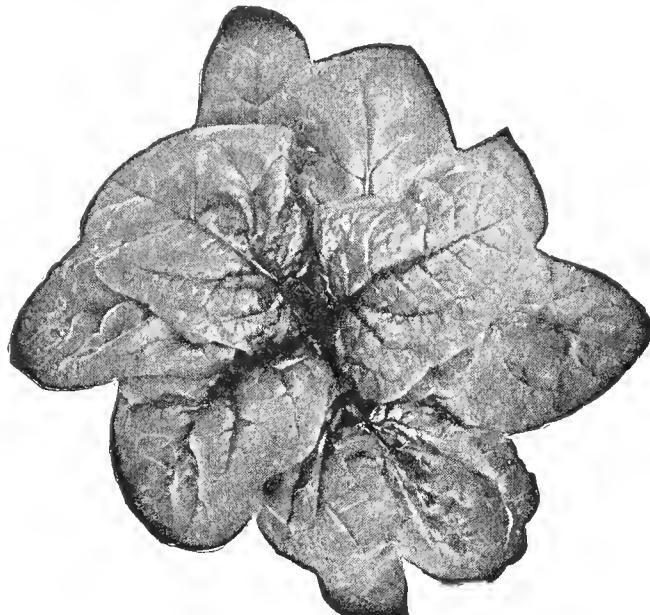
**LONG BLACK SPANISH.** 60 Days. A good keeping winter variety. Roots cylindrical, slightly tapered at tip, 7 to 10 inches long, 2 to 2½ inches in diameter; skin black and somewhat wrinkled; flesh white, solid and pungent.

**ROSE CHINA WINTER.** 52 Days. A popular, very distinct winter sort. Roots 4 to 6 inches long, 2 inches in diameter, cylindrical, but thicker at the lower end; blunt, smooth, bright rose-red in color; flesh white, very firm, and pungent.

**SPINACH**

Pkt.	Oz.	1/4 lb.
5c	10c	20c

We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade. For a succession the seed may be sown early in April and again in May in drills 1 foot apart and 1-inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill, 10 pounds for an acre of drills. Write for prices in large quantities.



Spinach, Bloomsdale

**BLOOMSDALE LONG STANDING.** 39 Days. Nearly as early as the old strain and will stand two weeks longer before bolting to seed. Plants very uniform, leaves intensely crumpled and blistered, dark glossy green in color.

**KING OF DENMARK.** 46 Days. A fine long season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, fairly crumpled and blistered; dark green in color.

**NEW ZEALAND.** 70 Days. Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions.

**MUSTARD SPINACH (Tender Greens).** Large, thick-leaved variety from Japan, remaining tender both summer and winter. Popular in the South.

**SALSIFY or OYSTER PLANT**

Pkt., 10c; Oz., 25c.

**CULTURE**—Sow early in drills 18 inches apart and cover firmly 1-inch deep; thin to 3 inches apart in the drills. One ounce for 60 feet of drill; 7 pounds to one acre.

**MAMMOTH SANDWICH ISLAND.** 90 Days. A very superior strain, producing smoother, larger and more vigorous roots; foliage stronger. Roots similar to a slim Parsnip. Often called "vegetable oyster."

**SEED SWEET POTATOES**

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

Write for prices on the following varieties:

**Yellow Kinds—**

Nancy Hall  
Yellow Nansemond  
Yellow Jersey  
Porto Rico Yam

Plants of the above varieties ready for shipment about April 15.  
Write for prices.

**SEED POTATOES****NORTHERN GROWN**

Plant 8 bu. per acre. Write for prices when ready to buy.

**CERTIFIED STOCK.** We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and is from vigorous fields. Sorting and grading to No. 1 grade is also required.

Early Ohio (Red River Stock) Green Mountain  
Bliss Early Triumph Burbank  
True Early Rose Early Six Weeks  
Irish Cobbler

**SQUASH**

Pkt.	Oz.	1/4 lb.
5c	10c	30c

**CULTURE**—Plant in hills, in well prepared ground, mixing plenty of well-rotted manure in each hill. Light soils are best suited for their growth. Plant six to eight seeds in each hill and thin out to three or four after they have made partial growth. Plant bush varieties from three to four feet apart each way, and the trailing sorts six to eight.

**DELICIOUS.** 115 Days. A fall and winter variety, medium size, top-shaped, dark green, flesh orange, very deep and delicious.

**TABLE QUEEN.** 58 Days. A squash fit for a queen. Cut in half and baked for twenty minutes, it is delicious. Wonderful producer. Fruits are from 6 to 8 inches long and 4 to 6 inches in diameter. Shell hard and smooth, dark green with sometimes a blotch of red at pointed end. Will keep as long as the Hubbard.

**GIANT SUMMER CROOKNECK.** 55 Days. The largest and one of the earliest summer varieties; fruits often 2 to 2½ feet long, very warty and deep orange in color.

**EARLY WHITE BUSH SCALLOP.** 60 Days. Very early summer squash; also known as Patty Pan.

**EARLY YELLOW BUSH SCALLOP.** 60 Days. A true bush. Earlier and smaller than the above.

**BANANA.** 120 Days. A prolific, oblong variety 2½ feet in length by 6 inches in diameter, having a gray-green shell, with irregular stripes and dashes of a darker shade, distinctly pointed at the blow end; solid, dry flesh with small seed cavity.



**GOLDEN HUBBARD.** 110 Days. Similar to the old Hubbard in form and habit, though smaller and decidedly earlier; shell moderately warted, rich orange-red; flesh deep orange, fine quality; good keeper.

**IMPROVED HUBBARD.** 120 Days. The standard Winter Squash. Shell moderately warted; deep dark bronze-green; flesh bright yellow, fine grained, thick and dry.

**CHICAGO WARTED HUBBARD.** 120 Days. Similar in quality and form to the Hubbard, but fruit larger and a little later.

**SWEET POTATO.** Fruit light yellow with green stripes, 6 to 8 inches long and thick flesh.

**TOBACCO**

**CULTURE**—A very clean piece of land is best for tobacco. It is customary to burn a piece of land in the woods for plant beds. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February and protected by plant-bed cloth to keep off tobacco flies. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3½-foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc. Methods of curing differ according to the variety and color; 1 ounce sows 50 square yards, sufficient to set 2 or 3 acres.

**JUDY'S PRIDE.** This type of White Burley is the best of any variety grown in this section. Makes the largest yield and the highest grade of leaf, which is much superior to that grown in other sections. Good, bright leaf, small stem and wonderful flavor. Pkt., 20c; oz., \$1.00; postpaid.

The following varieties are old standards: Red and White Burley, Sweet Oronoco, Yellow Prior. Pkt., 10c; oz., 50c; postpaid.

**SPECIAL OFFER**

FIVE 5c PKTS. SEED, YOUR SELECTION FROM CATALOG, FREE WITH EACH \$1.00 ORDER OF GARDEN SEEDS.

# HIGH TEST TOMATOES

Our Improved Tomato Seed Is Grown Strictly for Seed Purposes Only. They Are Not a Hit and Miss Lot of Seed from Some Canning Factory.

## TOMATOES

Pkt., 10c.

**CULTURE**—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. Cultivate often and as long as the plants permit. By training the tomato vines on trellises or tying to stakes, the fruit will ripen better and be of finer flavor. A wire fence is a good support. When frost is feared in the fall, pull the laden vines and hang in a shed or cellar and many will continue to ripen.

1 oz. to 2,000 plants.

Set 3 feet apart takes 4,840 plants per acre.

Set 4 feet apart takes 2,723 plants per acre.

**STONE.** 86 Days. The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color.

**GREATER BALTIMORE.** 82 Days. A heavy fruit bearing variety; earlier and more productive than the stone. Fruits large, solid, round, red and free from blemish. An ideal canning or for the garden.

**RED ROCK.** 83 Days. A very fine selection of the Matchless type; medium early, round, smooth and bright red; makes a good canning variety.

**MARGLOBE.** 79 Days. Earliest wilt resistant variety. This fine tomato is the result of a crossing of the Early Marvel with the fine flavor and form of the Globe. The meat is solid, has very few seeds, non-acid and has a rich red color, is excellent for local market and is one of the leading canning varieties.

**EARLIANA (Spark's).** 64 Days. The earliest and best of the very early tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet.

**BONNY BEST.** 73 Days. About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth, round, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.

**BREAK O'DAY.** 70 Days. An early wilt resistant variety with large, solid, globular scarlet fruits. One of the best of the disease resistant varieties. About ten days earlier than Marglobe.

Pkt.	Oz.	1/4 lb.	1 lb.
5c	10c	20c	60c

**CULTURE**—For early use sow very thinly in March or April in drills from 12 to 15 inches apart; thin out to 6 inches in the rows. For fall or winter crop, sow in July and August. The old saw: "On the twentieth of July, sow your turnips, wet or dry," is good advice and sow very sparingly—one seed to the inch is enough. The Rutabagas are grown for feeding stock, and are also excellent for table. One ounce will sow 150 feet of drill; 1 to 1½ lbs. to the acre.

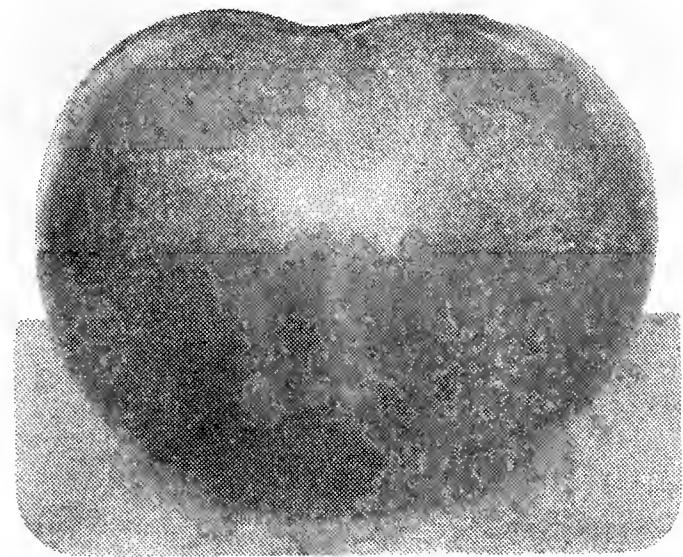
**PURPLE TOP WHITE GLOBE.** Almost a perfect globe in form; flesh and skin white, colored purple or red, above ground; very fine grained and sweet; a superior variety.

## VEGETABLE PLANTS and ROOTS

We have the best equipped Greenhouses and Trial Gardens in the Southwest for growing plants; 55,000 square feet of glass.

In their proper seasons we shall have large quantities of all kinds of vegetable plants of our own growth. Give us ample time to select, pack and ship your order. By doing so you will secure better plants. Should we be sold out of the variety of plants ordered, we will send a nearly similar kind instead. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Special prices to growers and canners.

**RED ARROW GARDEN SPRAY** is ideal for home gardening. It is highly concentrated, and harmless to humans and pets, but kills the insects. Use it as soon as insects appear and repeat at frequent intervals. Red Arrow kills both sucking and chewing insects. Will not injure or discolor flowers, vegetables or fruits. Leaves no poison residue. See advertisement on page 32.



Marglobe

**CHALK'S JEWEL.** 74 Days. An exceptionally fine variety, about ten days later than Earliana; fruit uniformly smooth, round and solid; color crimson.

**CRIMSON CUSHION or ENORMOUS.** 90 Days. The largest of the bright red tomatoes; really a Red Ponderosa.

**JOHN BAER.** 70 days. An early, productive red tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety.

**JUNE PINK.** 70 Days. In habit of growth, productiveness and size of fruit identical with Earliana, differing only in having purple fruit; the best extra early purple variety.

**LIVINGSTON'S GLOBE.** 82 Days. An excellent variety well adapted to greenhouse production. Vine strong, with heavy foliage; prolific. Fruits large, full globe, smooth; purplish pink, ripens evenly.

**OXHEART.** 100 Days. The largest of all tomatoes, purple fruits often weighing up to a pound and a half. Of distinct "oxheart" form, very solid, with few seed cells.

**PONDEROSA.** 90 Days. An exceptionally large, purple-fruited tomato, and for home use one of the best; fruit very solid, with few seeds.

**PRITCHARD.** 73 Days. A mid-season scarlet fruited sort, which is resistant to Fusarium Wilt and to Nail Head rust. Vine vigorous and productive. Fruit nearly globular in shape.

## TURNIPS

**PURPLE TOP STRAP LEAVED.** The most widely cultivated and best known variety; a very early, productive sort; roots are flat, medium sized, purple or dark red above ground, white below; flesh white, tender and fine grained.

**POMERANIAN WHITE GLOBE.** One of the largest and most productive; roots often grow to weigh 10 to 12 pounds, are globe shaped, slightly flattened; skin smooth and white; for stock feeding.

**AMBER GLOBE (Green Top).** One of the best yellow-fleshed sorts; roots globular and of large size; skin clear yellow except the top, which is tinted green.

### TRANSPLANTED PLANTS WILL BE SENT UNLESS OTHERWISE STATED ON YOUR ORDER

CABBAGE—Frost Proof	Doz.	100	1000	Ready
Transplanted, home grown....	\$0.10	\$0.75	\$6.00	Feb. 15
Transplanted, seed bed.....	.60	4.50		April 1
Tomato, Transplanted .....	.10	.85	7.50	April 1
Tomato for Canners, seed bed .....	.40	2.50		May 20-July 15
Peppers, Transplanted .....	.20	1.50	...	April 1
Cauliflower, Transplanted .....	.20	1.50	...	Feb. 15
Sage, Transplanted .....	.20	1.50	...	Feb. 15
Eggplant, Transplanted .....	.20	1.50	...	March 15
Celery .....	.10	.60	4.50	April 1
Sweet Potatoes, Standard.....	...	.35	3.00	Feb. 15
Sweet Potatoes, Nancy Hall.....	.35	3.00		April 1
Parsley .....	.20	1.50	...	April 1
Onion Plants, Bermuda.....	1.00	5.00	1.00	
Chives, per bunch, 15c.....	1.00	5.00	...	
Rhubarb Roots, large clumps—				
Each, 10c	1.00	5.00	...	
Asparagus Roots .....	.25	1.50	...	
Horseradish Roots .....	.15	1.00	...	
Prices quoted above on plants are at our store only. By parcel post add 10c per dozen for postage and packing.				

## OUR COMPLETE LINE OF STANDARD GARDEN SEEDS

CAN BE ORDERED IN PACKETS OR BULK. WRITE FOR PRICES IN LARGE QUANTITIES.  
PACKETS AND OUNCES, ONLY, POSTPAID.

	Pkt. Lb.		Pkt. Oz.		Pkt. Oz.
<b>BUSH BEANS—Green Pod</b>		<b>ASPARAGUS</b>		<b>EGGPLANT</b>	
Full Measure .....	.10	.25	Mary Washington .....	.10	.15
Bountiful .....	.10	.25	Palmetto .....	.05	.10
Red Kidney .....	.10	.25	<b>BEETS</b>		
Giant (Stringless) .....	.10	.25	Banquet Table .....	.05	.10
Burpee's Stringless .....	.10	.25	Egyptian Early Blood Turnip.....	.05	.10
Knife Blade .....	.10	.25	Eclipse .....	.05	.10
Early Yellow Six Weeks.....	.10	.25	Edmund's Blood Turnip.....	.05	.10
Refugee .....	.10	.25	Detroit Dark Red Turnip.....	.05	.10
Refugee Stringless .....	.10	.25	Improved Early Blood Turnip.....	.05	.10
Imp. Red Valentine.....	.10	.25	Long Smooth Blood Red.....	.05	.10
Tennessee Green Pod.....	.10	.25	Swiss Chard Lucullus.....	.05	.10
Dwarf Horticulture .....	.10	.25	Early Wonder .....	.05	.10
Henderson's Bush Lima.....	.10	.25	Fire Ball .....	.05	.10
Burpee's Bush Lima.....	.10	.25	<b>MANGEL WURZEL</b>		
Fordhook Bush Lima.....	.15	.25	Mammoth Long Red.....	.05	.10
<b>WAX BEANS—Bunch</b>			Norbiton's Giant .....	.05	.10
Dwarf Golden Wax.....	.10	.25	Golden Tankard .....	.05	.10
German Black Wax.....	.10	.25	Champion Yellow Globe.....	.05	.10
Pencil Pod Wax.....	.10	.25	Red Globe .....	.05	.10
Challenge Black Wax.....	.10	.25	Improved White Sugar.....	.05	.10
Currie's Rust Proof Wax.....	.10	.25	<b>BRUSSELS SPROUTS</b>		
Davis Kidney Wax.....	.10	.25	Hercules .....	.10	.25
Round Pod Kidney Wax.....	.10	.25	<b>BROCCOLI</b>		
Wardwell's Kidney Wax.....	.10	.25	Mammoth White .....	.10	.45
Kentucky Wonder Wax, pole.....	.10	.25	<b>CABBAGE</b>		
<b>BEANS—Pole or Running</b>			Yellow Resistant .....	.10	.40
White Cornfield .....	.10	.25	Golden Acre .....	.10	.40
White Creaseback .....	.10	.25	Chinese Cabbage, Pe-Tsai.....	.10	.30
Striped Creaseback .....	.10	.25	Copenhagen .....	.10	.20
Kentucky Wonder .....	.10	.25	Extra Early Jersey Wakefield.....	.10	.20
Kentucky Cut Short.....	.10	.25	Charleston, or Large Wakefield.....	.10	.20
Horticultural Pole .....	.10	.25	Early Drumhead, flat.....	.10	.20
Lazy Wife .....	.10	.25	Early Winningstadt, pointed.....	.10	.20
Dutch Case Knife.....	.10	.25	Henderson's Early Summer, flat.....	.10	.20
Large White Lima.....	.10	.25	All Seasons .....	.10	.20
King of the Garden.....	.10	.25	Sure Head, flat.....	.10	.20
Steva Lima .....	.10	.25	Henderson's Succession, flat.....	.10	.20
Speckled Lima .....	.10	.25	Early Dwarf Flat Dutch.....	.10	.20
Missouri Wonder .....	.10	.25	<b>CABBAGE—Late Sorts</b>		
White Kentucky Wonder .....	.10	.25	Premium Late Flat Dutch, flat.....	.10	.20
Navy .....	.10	.25	Drumhead Savoy, flat head.....	.10	.20
<b>PEAS—Wrinkled Sorts Marked *</b>			Danish Ball Head .....	.10	.30
Alaska, 2-ft. ....	.10	.25	Red Rock .....	.10	.35
Dwarf Tom Thumb, 12-in.....	.10	.25	Red Dutch .....	.10	.35
First and Best, 2-ft.....	.10	.25	<b>CAULIFLOWER</b>		
Philadelphia Extra Early.....	.10	.25	Extra Small Leaved Erfurt .....	.25	...
*Bliss American Wonder.....	.10	.25	Early Snowball, true.....	.15	...
*Little Gem, 18-in.....	.10	.25	<b>CARROTS</b>		
*Delicatessen Dinner, 2-ft.....	.10	.25	Chantenay .....	.05	.10
*Nott's Excelsior, 15-in.....	.10	.25	Extra Early French Forcing .....	.05	.10
*Horsford's Market Garden.....	.10	.25	Ox Heart .....	.05	.10
*Stratagem, 3-ft. ....	.10	.25	Danvers .....	.05	.10
*Telephone, 4-ft. ....	.10	.25	Long Orange Improved .....	.05	.10
*Champion of England, 5-ft.....	.10	.25	New Coreless .....	.05	.10
*Bliss Everbearing, 2-ft.....	.10	.25	<b>CELERY</b>		
Large White Marrowfat, 5-ft.....	.10	.25	Giant Pascal .....	.05	.25
Black Eyed Marrowfat, 5-ft.....	.10	.25	Golden Self Blanching, true.....	.10	.40
*Gradus, 3-ft. ....	.10	.25	White Plume .....	.05	.25
*Thomas Laxton, 3-ft. ....	.10	.25	Dwarf Golden Plume .....	.10	.40
*Laxton's Progress, 18-in.....	.10	.25	Celery for Flavoring .....	.10	...
*Little Marvel, 18-in.....	.10	.25	<b>CELERIAC</b>		
*Potlatch, 3-ft. ....	.10	.25	Turnip Rooted .....	.10	.25
*Yorkshire Hero, 2½-ft.....	.10	.25	<b>COLLARDS</b>		
*Laxtonian, 20-in. ....	.10	.25	Georgia .....	.05	.15
Dwarf Grey Sugar (Edible Pod) .....	.10	.25	<b>CORN SALAD</b>		
Tall Melting Sugar (Edible Pod) .....	.10	.25	Large Leaved .....	.05	.15
<b>SWEET CORN—Northern Grown</b>			<b>CUCUMBER</b>		
Early Minnesota, early dwarf.....	.10	.25	Evergreen White Spine .....	.05	.10
Sweet, or Sugar, early.....	.10	.25	Improved Long Green .....	.05	.10
Crosby's Early .....	.10	.25	Westerfield's Chicago Pickle .....	.05	.10
Early Mammoth, 2nd early.....	.10	.25	Early Cluster .....	.05	.10
Adams' Early .....	.10	.25	Early Frame .....	.05	.10
Adams' Extra Early, earliest.....	.10	.25	Boston Pickling .....	.05	.10
Golden Bantam .....	.10	.25	Early Fortune .....	.05	.10
Country Gentleman, Shoe Peg.....	.10	.25	Japanese Climbing .....	.05	.10
Late Mammoth, large.....	.10	.25	Gherkin .....	.05	.10
Egyptian, large .....	.10	.25	Davis Perfect .....	.05	.10
Stowell's Evergreen, surest.....	.10	.25	White Wonder .....	.05	.10
Black Mexican .....	.10	.25	Snow's Perfection .....	.05	.10
Golden Sunshine .....	.10	.25			
Howling Mob .....	.10	.25			
Golden Giant .....	.10	.25			
Shaker Early .....	.10	.25			
Golden Evergreen .....	.10	.25			
Kendals Early Giant.....	.10	.25			
Early Evergreen .....	.10	.25			
<b>POP CORN</b>					
White Rice, No. 1 bulk.....	.10	...			
Japanese Hullless .....	.10	...			
Dynamite, S. American.....	.10	...			
<b>EGGPLANT</b>					
New York Improved.....			Large Red Wethersfield .....	.10	.20
Black Beauty .....			Southport Red Globe .....	.10	.20
<b>ENDIVE</b>			Southport White Globe .....	.10	.20
Green Curled Mammoth.....			Yellow Danvers, flat.....	.10	.20
Ever-White Mammoth .....			Danvers Yellow Globe .....	.10	.20
<b>KALE</b>			Prize Taker, or Spanish King.....	.10	.20
Dwarf Green Curled Siberian.....					
Dwarf Curled Scotch .....					
<b>KOHL-RABI</b>					
White Vienna .....					
Early Purple Vienna .....					
Early White Erfurt .....					
<b>LEEK</b>					
London Flag .....					
<b>LETTUCE</b>					
Grand Rapids Forcing .....					
Denver Market .....					
Black Seeded Simpson .....					
Early Curled Simpson .....					
Hanson Improved, head .....					
Prize Head .....					
Big Boston, head .....					
White Summer Cabbage, head .....					
Philadelphia Butter .....					
All Seasons .....					
Early Curled Silesia .....					
New York Wonderful .....					
Iceberg .....					
Paris White Cos .....					
May King .....					
Wayahead .....					
California Cream Butter .....					
<b>MUSKMELON</b>					
Acme, or Baltimore .....					
Chicago Market .....					
Extra Early Nutmeg .....					
Jenny Lind .....					
Golden Netted Gem .....					
Hackensack, early .....					
Extra Early Hackensack .....					
Large Green Nutmeg .....					
Long Yellow Cantaloupe .....					
Champion Market .....					
Rocky Ford .....					
Banana .....					
Honey Dew .....					
Salmon Tinted Pollock .....					
Hearts of Gold .....					
Montreal Market .....					
Osage .....					
Tip Top .....					
Hale's Best .....					
Honey Ball .....					
<b>WATERMELON</b>					
Sweetheart .....					
Long Dixie .....					
Wonderful Sugar .....					
Cuban Queen .....					
Georgia Rattlesnake .....					
Kolb's Gem .....					
Mountain Sweet .....					
Peerless, or Ice Cream .....					
Florida Favorite .....					
Special Kleckley Sweet .....					
Kleckley Sweet .....					
Alabama Sweet .....					
Halbert's Honey .....					
Special Halberts .....					
Tom Watson .....					
Special Tom Watson .....					
Special Irish Gray .....					
New Wonder .....					
Stone Mountain .....					
Golden Honey (Yellow) .....					
Angel Kiss .....					
Winter Melon .....					
Citron .....					
<b>ONION</b>					
Large Red Wethersfield .....					
Southport Red Globe .....					
Southport White Globe .....					
Yellow Danvers, flat .....					
Danvers Yellow Globe .....					
Prize Taker, or Spanish King.....					

Order your Garden Seed early. Cabbage, Beets, Onion and several other items of Garden Seed are very short.

ONION—(Continued)		Pkt. Oz.	RADISHES—(Continued)		Pkt. Oz.	TOMATOES—(Continued)		Pkt. Oz.		
White Portugal, or Silver Skin	.10	.20	St. Louis Summer	.05	.10	Crimson Cushion	.10	.50		
Yellow Bermuda	.10	.20	French Breakfast	.05	.10	Ponderosa	.10	.50		
Crystal White Wax	.10	.20	Long Scarlet Short Top	.05	.10	Yellow Ponderosa	.10	.50		
Sweet Spanish	.10	.20	White Strassburg	.05	.10	Dwarf Ponderosa	.10	.50		
Denia (Imp. Prize Taker)	.10	.20	Icicle	.05	.10	Bonny Best	.10	.40		
MUSTARD			White Vienna, or Lady Finger	.05	.10	June Pink	.10	.40		
Ostrich Plume	.05	.10	Chartier Improved	.05	.10	Chalk's Early Jewel	.10	.40		
Black or Brown	.05	.10	Round Black Spanish	.05	.10	Marglobe	.10	.40		
White	.05	.10	California White Winter	.05	.10	Marglobe Certified	.10	.50		
Chinese Curled	.05	.10	China Rose Winter	.05	.10	Golden Queen (yellow)	.10	.50		
Giant Southern Curled	.05	.10	Sparkler (White Tip)	.05	.10	Beefsteak	.10	.50		
OKRA OR GUMBO			SALSIFY			Gulf State Market	.10	.40		
Long Green	.05	.10	Mammoth Sandwich Island	.10	.25	Red Head	.10	.40		
White Velvet	.05	.10	SPINACH		Bloomsdale Savoy Leaved	.05	.10	Norton Wilt Resistant	.10	.40
Mammoth Pod	.05	.10	SQUASH		Round Thick Leaf	.05	.10	Oxheart	.10	.50
PARSLEY			All Season	.05	.10	Break O' Day	.10	.50		
Moss Curled, very fine	.05	.15	New Zealand	.05	.10	Pear Shaped Red	.10	.40		
Triple Curled	.05	.15	TOMATOES		Yellow Bush	.05	.10	Pear Shaped Yellow	.10	.40
PARSNIPS			Giant Summer Crookneck	.05	.10	Strawberry or Husk	.10	.40		
Hollow Crown	.05	.15	Winter Crookneck	.05	.10	Yellow Plum	.10	.40		
Long Smooth	.05	.15	Hubbard	.05	.10	TURNIPS				
White Dutch	.05	.15	Golden Hubbard	.05	.10	Extra Early Purple Top Milan	.05	.15		
PEPPERS			Chicago Warty Hubbard	.05	.10	Extra Early White Top Milan	.05	.15		
Chinese Giant	.10	.45	Mammoth Hubbard	.05	.10	Early White Flat Dutch	.05	.10		
Pimento	.10	.45	Delicious	.05	.10	Purple Top Strap Leaf	.05	.10		
Large Bell, or Bull Nose	.10	.45	Fordhook, Veg. Marrow	.05	.10	Purple Top White Globe	.05	.10		
Cayenne, long red	.10	.45	Sweet Potato	.05	.10	Snow Ball	.05	.10		
Cayenne, small	.10	.45	Banana	.05	.10	Pomeranian White Globe	.05	.10		
Golden Queen	.10	.45	TOBACCO		White Egg	.05	.10			
Sweet Mountain	.10	.35	Yellow Pryor	.10	.50	Amber Globe	.05	.10		
Ruby King	.10	.45	Red Burley	.10	.50	Cowhorn	.05	.10		
California Wonder	.10	.45	Missouri Broad Leaf	.10	.50	Yellow Globe	.05	.10		
Red Chile	.10	.45	Big Havana	.10	.50	Seven Top	.05	.10		
PUMPKINS			One Sucker	.10	.50	Shogoin Louse Resistant	.05	.10		
Common Field, Stock	.05	.10	Judy's Pride	.20	1.00	RUTABAGAS, OR SWEDISH TURNIP				
Kentucky Field, Stock	.05	.10	TOMATOES		New Stone	.10	.25	American Purple Top	.05	.10
Large Cheese, all purpose	.05	.10	Greater Baltimore	.10	.25	White Russian	.05	.10		
Tennessee Sweet, for pies	.05	.15	Matchless	.10	.25	SWEET PEAS				
Japanese Pie, for pies	.05	.15	Red Rock	.10	.25	Choice Mixed	.05	.10		
Jonathan, for pies	.05	.15	John Baer	.10	.25	Spencer Mixed	.10	.20		
Small Sugar, for pies	.05	.15	Dwarf Stone	.10	.40	NASTURTIUMS				
King of Mammoth, for pies	.05	.15	Acme	.10	.40	Tall Mixed	.10	.20		
White Cushaw, for pies	.05	.15	Livingston's Beauty	.10	.25	Dwarf Mixed	.10	.20		
Striped Cushaw, for pies	.05	.15	Livingston's Perfection	.10	.25	Castor Beans, Flowering	.10	.20		
RHUBARB			Livingston's Globe	.10	.40	HERBS				
Victoria	.10	.15	Dwarf Champion	.10	.40	Basil, Sweet	.10			
Linnaeus	.10	.15	Sparks Earliana	.10	.40	Caraway	.10			
RADISHES—French Grown Seed						Dill	.10			
Vick's Scarlet Globe	.05	.10			Fennel	.10				
Crimson Giant Forcing	.05	.10			Sage	.10				
Early Scarlet White Tipped	.05	.10			Summer Savory	.10				
Early Scarlet Turnip	.05	.10			Sweet Marjoram	.10				
					Sweet Thyme	.10				

## VEGETABLE SEEDS PLANTING GUIDE

Vegetable	Average Number of Seed per Ounce	To Produce a Given No. of Plants	Amount Required for 100 Ft. of Drill	Amount Required Per Acre	Depth of Planting	Days of Maturity	NUMBER OF PLANTS TO THE ACRE AT GIVEN DISTANCES	
							Dis. Apart	No. Plants
Asparagus	1,000	1 oz. to 800	1 oz.	5 lbs.	1 in.	2 yrs.	12 x 1 in.	522,720
Beans, Dwarf	100	.....	1 lb.	60 lbs.	1 in.	45 to 70	12 x 3 in.	174,240
Beans, Pole	100	.....	1/2 lb.	30 lbs.	1 in.	63 to 74	12 x 12 in.	43,560
Beets, Garden	1,750	.....	1 oz.	6 lbs.	1 in.	50 to 60	16 x 1 in.	392,040
Beets, Mangel	1,200	.....	1 oz.	5 lbs.	5 lbs.	100 to 130	18 x 3 in.	348,480
Brussels Sprouts	6,500	1 oz. to 5,000	1/4 oz.	2 oz.	1/2 in.	100 to 120	18 x 12 in.	116,160
Cabbage	5,000	1 oz. to 4,000	1/4 oz.	4 oz.	1/2 in.	*62 to 105	18 x 12 in.	29,040
Carrots	14,000	.....	1/2 oz.	2 lbs.	1/2 in.	60 to 85	18 x 18 in.	19,360
Cauliflower	5,000	.....	1/4 oz.	1 oz.	1/2 in.	*52 to 90	20 x 1 in.	313,635
Celery	100,000	.....	1/4 oz.	4 oz.	1/8 in.	120 to 150	20 x 20 in.	15,681
Collards	5,000	.....	1/4 oz.	4 oz.	1/2 in.	100 to 120	24 x 1 in.	261,360
Corn, Sweet	125	.....	1/4 lb.	12 lbs.	1 in.	76 to 110	24 x 18 in.	15,520
Cucumbers	1,000	.....	1/2 oz.	2 lbs.	1 in.	52 to 72	24 x 24 in.	10,890
Eggplant	4,000	1 oz. to 2,000	1/8 oz.	4 oz.	1/2 in.	100 to 150	30 x 1 in.	209,088
Endive	13,500	.....	1 oz.	2 lbs.	1/2 in.	85 to 100	30 x 6 in.	34,848
Kale	7,500	1 oz. to 5,000	1/4 oz.	1 lb.	1/2 in.	55 to 125	30 x 12 in.	17,424
Kohl-rabi	7,000	.....	1/4 oz.	1 lb.	1/2 in.	55 to 60	30 x 16 in.	13,068
Leek	8,000	.....	1/2 oz.	4 lbs.	1/2 in.	120 to 150	30 x 20 in.	10,454
Lettuce	16,000	.....	1/2 oz.	3 lbs.	1/2 in.	61 to 82	30 x 24 in.	8,712
Melon, Musk	1,200	.....	1/2 oz.	2 lbs.	1 in.	80 to 115	30 x 30 in.	6,970
Melon, Water	225	.....	1 oz.	2 lbs.	1 in.	85 to 130	36 x 3 in.	58,080
Mustard	18,000	.....	1/4 oz.	1 lb.	1/4 in.	40 to 80	36 x 12 in.	14,520
Okra	425	.....	2 oz.	8 lbs.	1 in.	90 to 140	36 x 18 in.	9,680
Onion	12,500	.....	1 oz.	4 lbs.	1/2 in.	125 to 150	36 x 24 in.	7,260
Parsley	17,500	.....	1/4 oz.	3 lbs.	1/8 in.	65 to 110	36 x 36 in.	4,840
Parsnips	2,800	.....	1/2 oz.	3 lbs.	1/2 in.	125 to 150	42 x 12 in.	12,446
Peas	50 to 150	.....	1 lb.	60 lbs.	1 in.	68 to 82	42 x 24 in.	6,223
Peppers	4,000	1 oz. to 2,000	1/8 oz.	2 oz.	1/2 in.	*55 to 85	42 x 36 in.	4,148
Pumpkins	100	.....	1/2 oz.	4 lbs.	1 in.	75 to 150	48 x 12 in.	10,890
Radishes	5,000	.....	1 oz.	10 lbs.	1/2 in.	23 to 43	48 x 18 in.	7,790
Salsify	4,500	.....	1 oz.	8 lbs.	1/2 in.	115 to 175	48 x 24 in.	5,445
Spinach	3,000	.....	1 oz.	8 lbs.	1 in.	40 to 50	48 x 30 in.	4,356
Squash, Summer	300	.....	1/2 oz.	4 lbs.	1 in.	65 to 70	48 x 36 in.	3,630
Squash, Winter	125	.....	1/2 oz.	2 lbs.	1 in.	100 to 140	48 x 48 in.	2,723
Tomatoes	7,500	1 oz. to 3,000	1/8 oz.	1 1/2 oz.	1/2 in.	*64 to 85	60 x 36 in.	2,901
Turnips	10,000	.....	1/2 oz.	1 lb.	1/4 in.	50 to 75	60 x 48 in.	2,178

Approximate number of feet of row per acre at given distances:

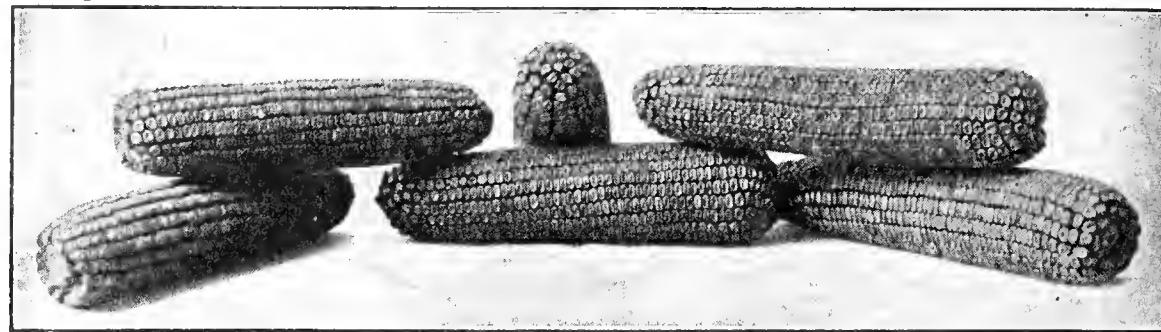
Distance between rows	Feet of row
18 inches	29.010
24 inches	21.758
30 inches	17.427
36 inches	14.526
42 inches	12.439
48 inches	10,853

(\* This applies to date from transplanting to field.)

## SEED CORN

Shelled Corn, 56 lbs. a bushel. Ear Corn, shuck off, 65 lbs. Ear Corn, shuck on, 70 lbs.

There is positively no comparison between our Seed Corn and the average corn. Our Seed Corn is hand picked, nubbed, tipped, butted, graded and tested for germination.



**BOONE COUNTY WHITE.** (The Old Reliable White Corn.) In general appearance this corn is pure white, large ears and deep, medium rough kernels. It is particularly adapted for milling purposes, making a fine white meal.

**ST. CHARLES WHITE.** The famous Ensilage Corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, ear transparent white.

**IOWA SILVER MINE.** Ninety-day corn. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth, and is as well-rooted as any corn grown.

**JOHNSON COUNTY WHITE DENT.** Tips fill well over the end and a large per cent of the ears are entirely covered with grains; the butts are well-rounded out, with a medium sized shank; kernels very uniform, wedge-shaped; pure white cob.

**HICKORY KING.** This is an entirely distinct variety among the white corn, combining the largest grain with the smallest cob. It is a great yielder, giving more shelled corn to the acre bulk of ears than any other variety. The grain makes most excellent hominy.

**NEAL'S PAYMASTER.** 100-day corn. Is well suited for both lowland and upland. Produces a medium stalk with two good ears, broad white grains on a red cob, fills out well.

**IMPROVED LEAMING.** Ninety-day corn. Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder.

**REID'S YELLOW DENT.** Thoroughbred, pedigreed, carefully selected stock. It is of handsome shape and color and largely grown for exhibiting at fairs, and is used by many corn schools as a standard for judging, and is too well known to require lengthy description. Matures in about 115 days.

**IOWA GOLD MINE.** It is early ripening. The ears are of good size and shape and of a bright golden yellow color.

**GATE POST.** This is now one of the most prominent late varieties of Yellow Dent Corn in the country. It matures in about 115 days.

**IMPROVED GOLDEN BEAUTY.** The ears are of perfect shape, with straight rows of bright yellow grain, remarkable in size and filled out completely to the extreme end of the cob. Matures in 100 days.

**STRAWBERRY CORN.** Extra large ear, grain red and white striped.

**BLOODY BUTCHER.** Very late. Grain red and yellow.

**SWEET CORN FOR FODDER.** It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves and consequently none is wasted.

**MEXICAN JUNE CORN.** One of the standard silo corns; good big stalks and ear.

**HACKBERRY.** 90 Days. Ears 8 to 9 inches long, grains short to medium. Cobs medium in size and white. Ears have white grains; but dark blue grains often appear and occasionally a red grain. Is considered a drouth resister and can be planted early and late.

WRITE FOR PRICES ON SEED CORN.

## FARM and FIELD SEEDS

**ALFALFA.** 60 pounds a bushel, sow 20 pounds per acre. Is a perennial legume and will produce more choice feed per acre than any other crop.

**GRIMM ALFALFA.** 60 pounds a bushel, sow 20 to 25 pounds per acre, differing in type, having the lateral or branching root system in place of the usual main tap root of most alfalfas.

**MEDIUM RED CLOVER.** 60 pounds a bushel, sow 8 to 12 pounds per acre. One of the most valuable legumes of the clover family. Cut for hay or plow under for soil fertility.

**MAMMOTH or SAPLING CLOVER.** 60 pounds a bushel, sow 8 to 12 pounds per acre. Resembles the Medium Red but grows coarser and more vigorous.

**ALSIKE CLOVER.** 60 pounds a bushel, sow 4 to 8 pounds per acre. Grows in wet bottom land also on upland loamy soils, makes wonderful hay and pasture, sown with other grasses.

**WHITE DUTCH CLOVER.** 60 pounds a bushel, sow 4 to 8 pounds per acre. Very hardy, used extensively for permanent pasture and lawns.

**SWEET CLOVER.** 60 pounds a bushel, sow 20 pounds per acre. Resembles Alfalfa both as to appearance and habit of growth when young. Good land builder, does best on soils containing lime.

**HUBAM CLOVER.** 60 pounds a bushel, sow 20 to 25 pounds per acre broadcast. Annual Sweet Clover instead of perennial.

**JAPAN CLOVER or COMMON LESPEDEZA.** 25 pounds a bushel, sow 15 to 25 pounds per acre. Grows most anywhere providing pasture and on some soils makes hay.

**TIMOTHY.** 45 pounds a bushel, sow 12 to 15 pounds per acre. It is the best known and most extensively grown tame grass in the country.

**TIMOTHY and ALSIKE.** 45 pounds a bushel, sow 15 to 20 pounds per acre. Adapted for the same kind of soils, matures at the same time, producing a good crop of hay or pasture.

**TIMOTHY and CLOVER.** 45 pounds a bushel, sow 15 to 20 pounds per acre. A very practical mixture for hay.

**KENTUCKY BLUE GRASS.** 14 pounds a bushel, sow 20 to 30 pounds per acre. The foundation of hardy lawns and a natural pasture grass.

**RED TOP.** 14 pounds a bushel, sow 15 to 20 pounds per acre. A hay and pasture grass, succeeds on most kinds of soils, especially wet natured land.

**ORCHARD GRASS.** 14 pounds a bushel, sow 14 pounds per acre. Hay and pasture grass furnishes good pasture both very early spring and late fall. Coarse growing bunch grass.

**MEADOW FESCUE or ENGLISH BLUE GRASS.** 24 pounds a bushel, sow 20 to 30 pounds per acre. Valuable, hardy pasture grass, suited almost to every climate, dry or wet, hot or cold.

## FERTILIZERS

For the Physical Improvement of Soils—For Lawns, Gardens and House Plants

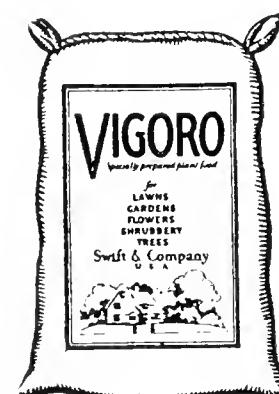
### VIGORO

	Each
1-lb. package	\$0.10
5-lb. carton	.45
10-lb. carton	.85
25-lb. bag	1.50
50-lb. bag	2.50
100-lb. bag	4.00

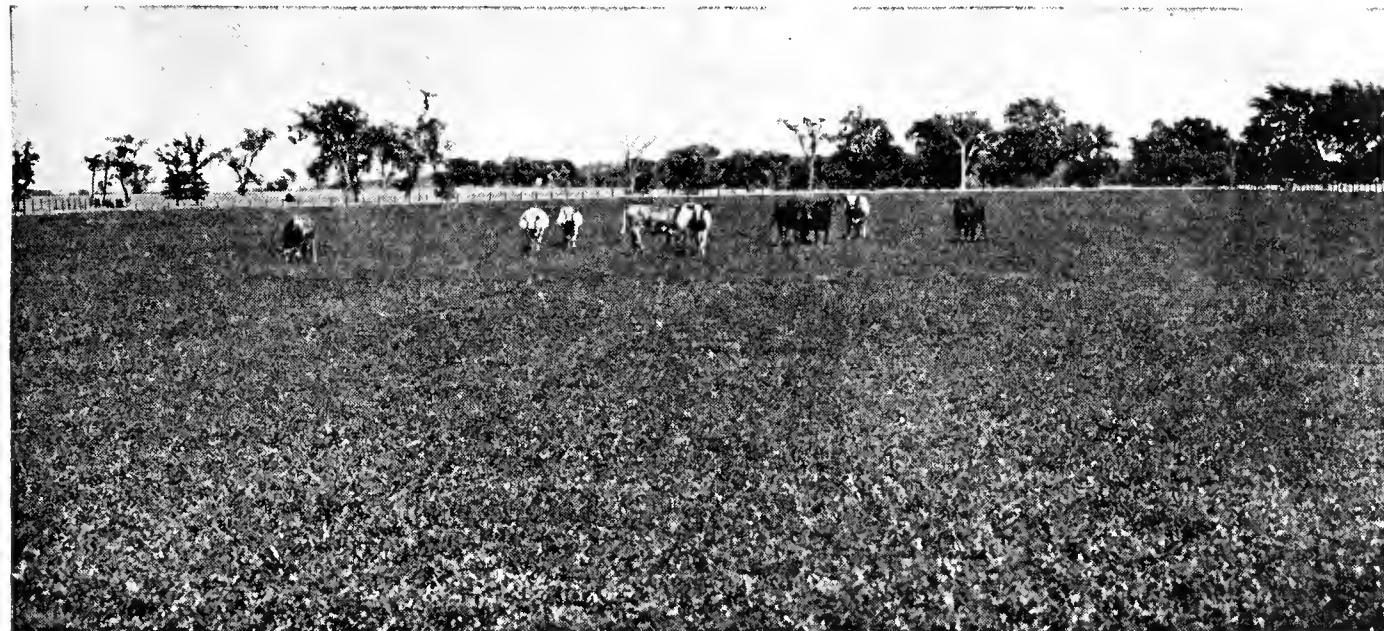
### BONE MEAL

A high grade steamed bone meal fertilizer packed in sift-proof paper lined bags so that it is clean to handle.
25-lb. bags
50-lb. bags
100-lb. bags

Not postpaid.



Write for prices on Field Seeds, if your local merchant cannot supply you with STAR BRAND or EXCHANGE BRAND SEEDS. Please mention his name.



## IN SEALED BAGS, PURITY AND GERMINATION CERTIFICATE ATTACHED



**STAR BRAND EXCHANGE BRAND**  
For forty years the farmers of the Ozarks have put their faith in "Star Brand Seeds" in sealed bags. Why? Because "Star Brand" and "Exchange Brand" Seeds are of the highest type, fully matured, perfectly recleaned, analyzed for purity and tested for germination. To enable you to secure your seeds at the lowest price we have local representatives in every community who order their seeds in large quantities or carload lots. You can save money by ordering through our local representative.

**PROSO POULTRY GRAIN.** Produces a large grain crop. A native of Russia. It is grown in European countries as a human food, ground into flour for making proso bread. This grain is relished by hogs, sheep, cattle and poultry. Mixes successfully with other grains. Proso will grow on most any soil that is suited to corn or millet. Try a plot of this wonder crop this season. Also use in a mixture for your birds. Plant April to July. Drill 5 lbs. per acre, broadcast 15 lbs. per acre.  
Per lb. .... \$0.10  
10-lb. lots, per lb. .... .09  
25-lb. lots, per lb. .... .08

**KOREAN LESPEDEZA.** The Wonder Legume. A fast soil builder. Korean Lespedeza has won the distinction of being the best Summer Legume pasture which so far has been introduced in this country. Korean Lespedeza will stand heavy grazing from early summer until killed by frost. Is ideal in permanent pasture mixtures with Blue Grass, Orchard Grass or Red Top, Alsike and White Clover. The Lespedeza matures before smothering out the growth of the fall grasses. Makes an excellent hay, comparing favorably with Alfalfa in feeding value.

**ATLAS SORGO.** Produced more grain and forage in 1937 than any other sorghum. Many crops produced 10 to 20 tons per acre. The most popular of the grain sorghums. It is an enormous yielder of both forage and grain. The stalk and branches are both sweet and the grain is the most palatable of all the sorghums. It is the most valuable grain sorghum to grow because of its drouth resisting qualities.

**CRIMSON CLOVER.** Sow 20 pounds per acre. Makes an excellent green grazing crop during the winter and early spring. Very practical to sow with the fall seeding grains and is a splendid soil improving crop. The heavy demand for this seed completely exhausted the 1937 supply.

**SHORT CROP.** All varieties of Clover and Alfalfa seed are extremely short. We advise getting your seed for these crops early as the supply will not cover the heavy demand.

**IMPORTED RED CLOVER.** Imported Red Clover stained 1% green is adapted to this section according to the United States Department of Agriculture's Seed Act. On our farms we could not distinguish any difference in the crop this past season over the domestic and imported. Seed is much cheaper in price than domestic. Imported Clover is not now allowable in soil conservation programs.

## BULBS FOR FALL PLANTING { Autumn 1938 }

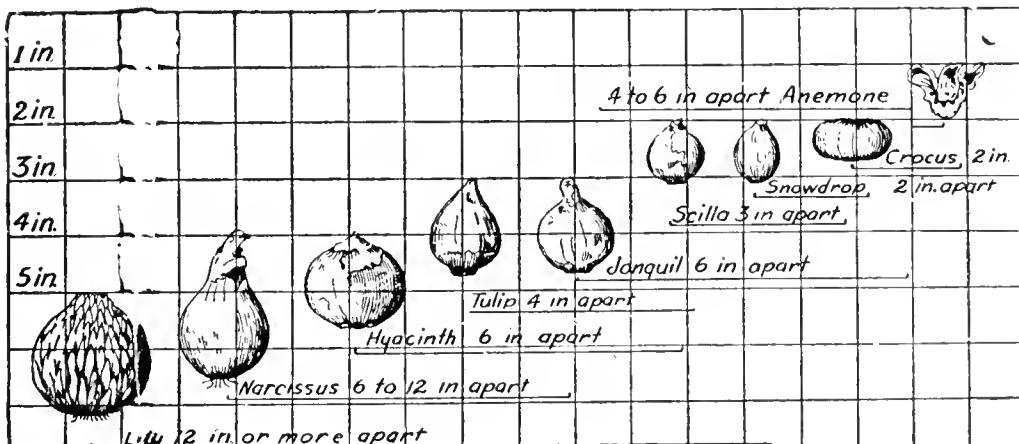


DIAGRAM SHOWING DEPTH TO PLANT OUTDOORS.

Since 1896 Springfield Seed Co.'s Bulbs for Fall Planting are known for their high standard of quality.

Bulbs indoors do not require such deep planting as indicated in the diagram, being no danger from freezing and thawing to guard against.

## FARM and FIELD SEEDS—(Cont'd)



**DOMESTIC RYE GRASS.** 24 pounds a bushel, sow 40 to 50 pounds per acre. A perennial, fine leaved grass, valuable as a green forage plant on land not easily cultivated.

**BROME GRASS or BROMUS INERMIS.** 14 pounds a bushel, sow 20 pounds per acre. Noted for its drouth resisting qualities and is adapted to many soils. Big producer, makes good pasture.

**BUCKWHEAT.** 52 pounds a bushel, sow 25 pounds per acre. There are two distinct varieties, Japanese and Silverhull. The Japanese variety is regarded earlier. They can be sown as second crop following Barley, Rye, Wheat and Oats. Good for bees.

**WINTER BARLEY.** Mo. Early Beardless. 48 pounds a bushel, sow 95 to 100 pounds per acre. It makes a quick growing crop of most excellent and nutritious feed either to use green or cure for hay. About ten days earlier than other Winter Barley.

**WINTER BARLEY.** Beardless, 48 pounds a bushel, sow 95 to 100 pounds per acre. A good grain and pasture plant but not as good producer as the bearded variety.

**WINTER BEARDED BARLEY.** 48 pounds a bushel, sow 95 to 100 pounds per acre. A very hardy variety and is used for heavy pasturing during the winter months, from which large yield of grain may be harvested. The best winter pasture variety.

**BROOM CORN.** 48 pounds a bushel, plant 5 to 8 pounds per acre. We handle the four standard varieties, Improved Evergreen, Dwarf Evergreen, Black Spanish and White Italian.

**RAPE.** Dwarf Essex, 56 pounds a bushel, sow 8 pounds per acre. Provides pasture for all kinds of stock. Makes a large yield of green forage per acre and is very fattening. A good green manure crop.

**SUNFLOWER.** Mammoth Russian, sow 7 pounds per acre. Produces heads of an immense size, 15 to 20 inches in diameter, fine for poultry.

**RYE.** Winter and Spring, 56 pounds a bushel, sow 1 to 1½ bushels per acre. Has long been recognized as one of our best grains for winter pasture.

**VETCH.** Sand or Hairy and Spring, 60 pounds a bushel, sow 60 pounds per acre. Splendid variety of forage plant, hardy, valuable winter cover crop. Land builder.

**FLAX FOR SOWING.** 56 pounds a bushel, sow 35 pounds per acre. Grown in several states for the seed.

**FETERITA.** 50 pounds a bushel, sow 25 pounds per acre. The grain is white, large and softer than Kaffir. Matures early.

**TEOSINTE.** 2 to 3 pounds plants an acre. Can be cut several times during the season yielding enormously in warm climates.

**MUNG BEANS.** 8 pounds of seed plant an acre. Seeds are small, matures about 15 days earlier than Soy Beans or Cow Peas and produce larger cuttings of hay.

**Egyptian WHEAT or SHALLU.** 10 lbs. of seed to the acre in drills. Makes large heads and famous for hen feed.

**OATS.** 32 pounds a bushel, sow 1 to 2½ bushels per acre. Leading varieties for the Ozarks: Texas Red Rustproof, Lincoln White, Kanota, Winter Turf, Columbia, Fulghum.

**WHEAT.** 60 pounds a bushel, sow 90 pounds per acre. Fuls-caster, recleaned winter soft. Fulohio, recleaned winter soft.

**HEGARI.** 50 pounds a bushel, drill 8 to 12 pounds per acre. Resembles White Kaffir but the heads are larger, stalks contain more sugar.

**FODDER CANE SEED.** 50 pounds a bushel, sow 75 to 100 pounds per acre. For fodder. Leading varieties used: Early Orange, Standard Orange, Early Black Amber, Grohoma, Red Top, Texas Seeded Ribbon, Japanese Honey Drip, Darso.

**MILLET.** 50 pounds a bushel, sow 25 pounds per acre. The German type is most widely grown. WHITE WONDER is also very popular, produces even larger heads than the German type. HOG MILLET or Manitoba not so much for hay but yields enormous quantities of seed. JAP MILLET or Billion Dollar Grass, a wonderful hay producer, adapted to all sections and especially fine for low ground.

**MILO MAIZE.** 50 pounds a bushel, sow 40 pounds to the acre. A bigger grower, noted for its drouth resisting qualities.

**WHITE KAFFIR CORN.** 50 pounds a bushel, sow 25 pounds per acre. Standard of all kaffirs.

**SUDAN GRASS.** 40 pounds a bushel, sow 25 pounds per acre. A tall, leafy, annual grass of the sorghum family. Wonderful hay and pasture crop.

**COW PEAS.** 60 pounds a bushel, plant broadcast 60 pounds to an acre. Drilled ¼ bushel per acre. There is no cheaper way to improve poor land than by growing Cow Peas. They add nitrogen and improve the mechanical condition of the soil. Leading varieties are: Whippoorwill, Black Eye, Mixed, New Era, The Clay, Canada Field, Red Ripper, Sugar Pea, Blue Goose, Brown Eyed, Lady Pea.

**VELVET BEANS.** ½ bushel to the acre.

**JOHNSON GRASS.** 25 pounds a bushel. Sow 20 pounds to the acre. (Prohibited in some states.)

**SOY BEANS.** 60 pounds a bushel, plant 1 bushel per acre. They make poor land good, they make good land better. Soy Bean hay contains a high per cent of protein, is superior to Cow Peas in feeding value and as a milk and butter producer is equal to Alfalfa and superior to Cotton Seed meal. The beans and bean meal contain about 35% of digestible protein and stock eat them with relish and thrive on them. Virginia, Early Yellow, Wilson (Early Black), Illini, Laredo, Manchu.



## TREAT BEFORE PLANTING, with FORMACIDE

ALL VEGETABLE SEED, ALL GRAIN SEED, CORN AND POTATOES.

To control Oat Smut and Covered Smut of Barley, as well as seed borne diseases of grain crops, mix 3 ounces of FORMACIDE very thoroughly with each bushel of grain. After several minutes of thorough mixing, resack the grain and let stand over night—fifteen to twenty hours.

FORMACIDE is easy to use, inexpensive and effective. FORMACIDE really controls damping-off. FORMACIDE keeps indefinitely in a tightly closed container at ordinary temperatures.



FORMACIDE stimulates growth of plants. FORMACIDE allows immediate planting of seeds.
½ lb. .... \$ 0.45
1 lb. .... .75
5 lb. .... 2.00
25 lb. .... 5.50
50 lb. .... 9.00
100 lb. .... 17.00

The Original Legume Inoculator  
NOBBE-HILTNER PROCESS  
**NITRAGIN**  
TRADE MARK REG'D. DEC. 6, 1898 NO. 32212  
Restores and Maintains Soil Fertility

## A Delicious Summer Dish From Your Own Garden

These six varieties from your own garden will assure you many pleasant well balanced meals throughout the summer

### SPECIAL OFFER

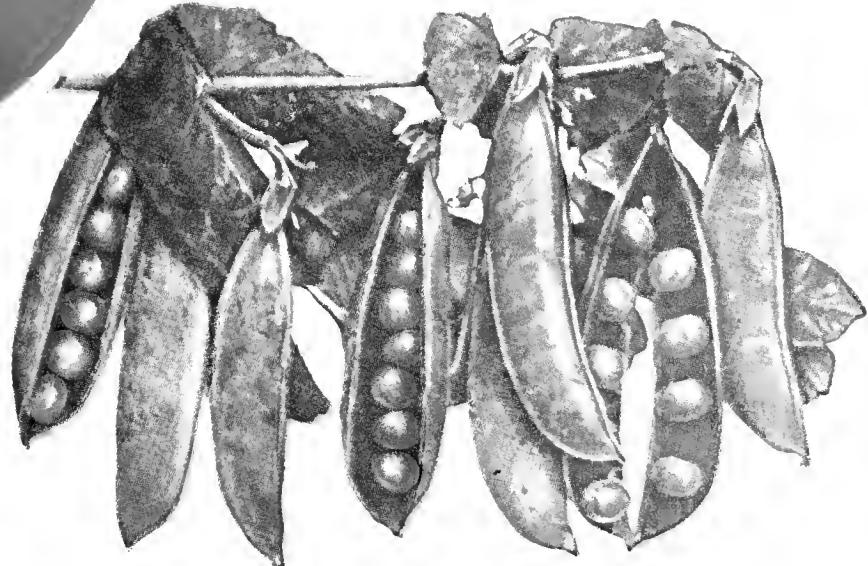
One packet of each: Tomato, Corn, Beet, Bean, Lettuce and Peas, for only 35c, postpaid.

**BEETS, Detroit Dark Red Perfected.** 53 days. Globe shaped root, dark blood-red color, smooth skin. Flesh uniform in color and remains tender and of highest quality until roots are full grown. Pkt., 5c.

**SWEET CORN, Golden Sunshine.** An early yellow variety with good sized ear. Four to five days earlier than Golden Bantam. Pkt., 10c.

**BEANS, BUSH, Golden Wax.** 48 days. 4½-inch, thick, creamy pods; stringless. Pkt., 10c.

**TOMATO, Earliana (Sparks').** 64 days. The earliest and best of the very early Tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet. Pkt., 10c.



**LETTUCE, Improved Hanson Head.** 80 days. This is a perfect table Lettuce of fine texture and having a sweet and rich flavor even to the outer leaves. Large plant with broad, thick, frilled, light yellowish green leaves and hard cabbage-like head. Pkt., 5c.

**PEAS, Little Marvel.** This desirable dwarf variety is only 4 or 5 days later than the earliest garden Pea. Grows vigorously and are laden with pods 3 inches long, flat ended, and packed with 12 of medium size. Tinted dark green, and very fine and sweet. Pkt., 10c.

# ROSES

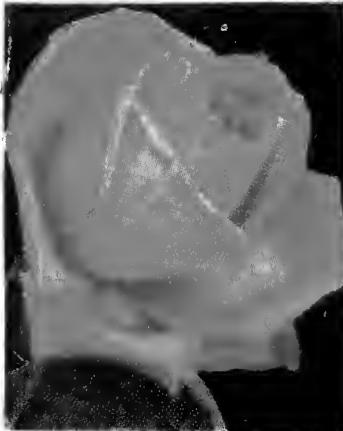
## Two-Year Field-Grown Plants

From June to October  
Sure to Bloom the First Year

**39c each; 3 for \$1.00;  
10 for \$3.00, postpaid**



Talisman



Pres. Herbert Hoover



Kaiserin Auguste Viktoria



Caledonia



Etoile de Hollande



Mrs. Henry Bowles



Lady Hillingdon



Sunburst



E. G. Hill



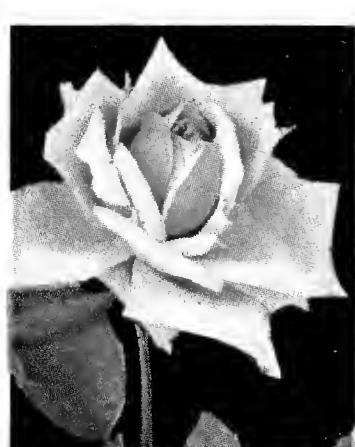
Pink Radiance



Mrs. E. P. Thom



American Beauty



Briarcliff



Edith Nellie Perkins



Red Radiance

**VIGORO — A Complete Plant Food  
Made by Swift**

# EVERY HOME

should be beautified with  
these Flowering Shrubs



Spirea, Anthony Waterer

## Forsythia - Golden Bell

25c each; 5 for \$1.00, postpaid.

## Hydrangea P. G.

40c each; 3 for \$1.15, postpaid.

## Bridal Wreath

2 yrs., 12 to 18 in. 25c each; 5 for \$1.00, postpaid.

## Buddleia Ile de France

(Butterfly Bush)  
Now! Only 25c each; 5 for \$1.00, postpaid.

## Spirea Anthony Waterer

25c each; 5 for \$1.00, postpaid.

## Silver Lace Vine

### SPECIAL "D"

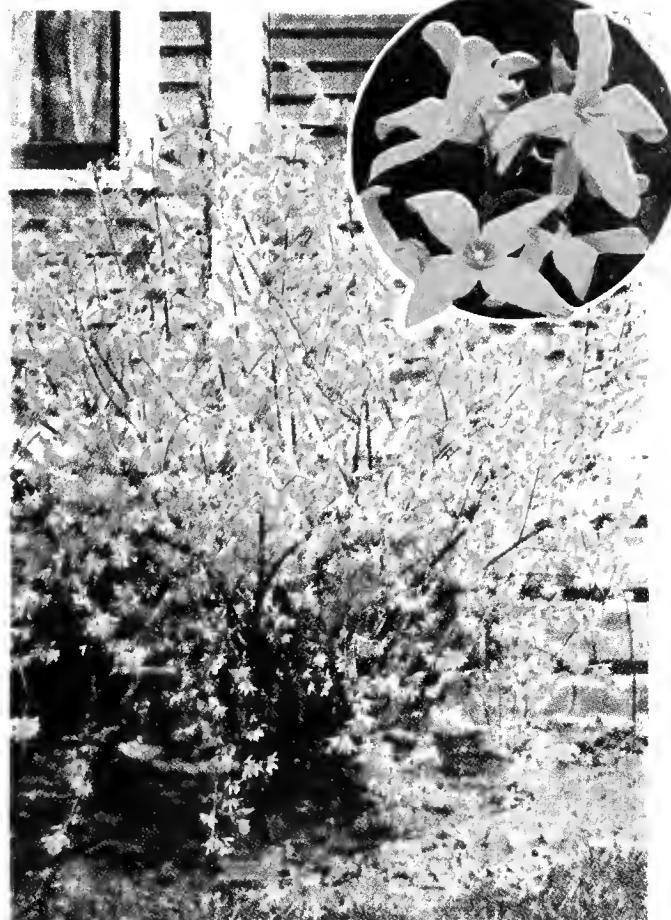
By far the fastest growing hardy vine, 20 feet or more the first year. Leaves are glossy green. Completely covered with snowy white flowers. 75c each; 2 for \$1.40, postpaid.

New Buddleia,  
Ile de France

Bridal Wreath



We Offer  
"Tri-Ogen"  
For the Care  
and Culture  
of Roses.



# FULL-OF-LIFE Strawberry Plants

Our list of Strawberries now consists entirely of perfect flowering sorts. See page 22.

**CULTURE.** For small gardens, plant 12 x 30 inches apart. For field culture, plant 1½ x 3 feet, requiring 8,000 plants per acre. Well drained, rich soil. Fertilize with Vigoro or Vegetable Special Fertilizer. Do not use stable manure as it will attract grubs and cut worms. Mulch in fall.

## New Gem Everbearing Strawberry

Has proven itself to be the most outstanding everbearing Strawberry yet introduced; vigorous, hardy plants bearing as heavily in the spring as any spring-bearing variety, yet producing an abundance of the finest berries from July to November. **Price: 50 for \$1.00.** See page 22.

### Bartlett Pear

Most delicious eating. See page 21.

### Kieffer Pear

Best for canning and cooking.  
See page 21.

### Springfield Seed Company's Famous Grapes

See page 22.

### New Caco Red Grape

Considered the largest, sweetest, and most prolific Red Grape. You'll like it. Each, 20c; 5 for 87c; 10 for \$1.50, postpaid. See page 22.

Keep soil surface covered with Premier Peat Moss Mulch. Do not cultivate soil or disturb roots.

Concord

[20]

Niagara

# FRUIT SECTION

"Thou shalt satisfy the inner man with good things." What could be more satisfying than a big piece of apple pie or a dish of peach butter? And how much sweeter and full of flavor is the fruit from your own garden!

In this Fruit Section we offer only varieties that have stood the test of time and have proven satisfactory FRUIT PRODUCERS in this territory. They are all good, you can't go wrong. Plant now and enjoy the FRUITS of your labor yourself.

## APPLES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.25	\$1.10	\$2.00	\$4.50
3-4 ft., prepaid.....	.30	1.35	2.50	5.50
4-5 ft., not prepaid.....	.45	2.10	4.00	9.25

### EARLY—

**YELLOW TRANSPARENT.** Season, July. Fruit clear white, becoming pale yellow when fully ripe; flesh fine grained, of splendid quality.

**EARLY HARVEST.** Season, July. Fruit bright straw color; flavor tart; productive.

### FALL—

**GRIMES GOLDEN.** Highest quality, good for eating out of hand, for pies, marmalade and dumplings. Bright yellow with pink cheeks.

**JONATHAN.** Best known and best beloved of all apples. Bright red fruit, high flavor, bears young and abundantly.

### WINTER—

**RED DELICIOUS.** Fine grained, juicy, mild. A wonderful eating apple. Color light green shaded to dark red. You need this apple.

**MISSOURI BLACK TWIG.** Fruit large, highly colored and very attractive. Tree a very strong grower.

**WINESAP.** December to April. Medium size, dark red, juicy, mild. Good to eat "as is," or for jellies, pies or marmalade.

**YELLOW DELICIOUS.** Some say the quality is better than even the Red Delicious. A dependable cropper, a good keeper.

## CRAB APPLES

**RED TRANSCENDENT.** Season, September. Fruit medium to large, firm and crisp, very juicy. Fine for preserves, cider, jelly.



## CHERRIES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.50	\$2.40	\$4.50	\$10.50
3-4 ft., prepaid.....	.60	2.90	5.50	12.75

**EARLY RICHMOND.** Medium size, dark red, very juicy, acid flavor; exceedingly productive and very hardy.

**MONTMORENCY.** About ten days later than Early Richmond; the famous pie cherry. Fruit large, red, mildly acid.

## PEACHES

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.25	\$1.10	\$2.00	\$4.50
3-4 ft., prepaid.....	.30	1.35	2.50	5.50
4-5 ft., not prepaid.....	.45	2.10	4.00	9.25

**CHAMPION (Free).** Flesh white with red at the pit; one of the best in quality and hardness.

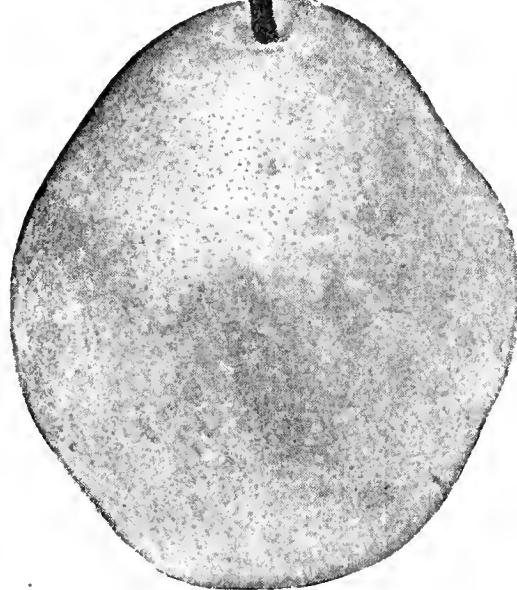
**EARLY WHEELER (Cling).** The best of the early peaches. Good size, white flesh, of good flavor. Hardy, vigorous, productive.

**GOLDEN JUBILEE (Free).** Fruit of enormous size, golden yellow, rich and syrupy. Ripens extra early. A new commercial variety.

**HALEHAVEN (Free).** Combines the best qualities of the J. H. Hale and South Haven. Yellow meat, early. Another new variety.

**ELBERTA (Free).** Our best known peach; very productive, large size, a good keeper; flesh pale yellow, tender and juicy.

**J. H. HALE (Free).** Very large, deep golden yellow, of delicious flavor. Tree very hardy and productive.



## PEARS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.45	\$2.10	\$4.00	\$9.50
3-4 ft., prepaid.....	.58	2.80	5.40	12.50

**BARTLETT.** Ripens in August and September. Large size, buttery flavor, very juicy, and highly flavored. Bears abundantly.

**DOUGLAS.** Ripens in late September. Larger than Bartlett, flesh fine grained, juicy and tender. Productive and blight-resistant. Bears second year and is a sure crop.

**KIEFFER.** Ripens in October. Fruit large, juicy and melting. Tree hardy and vigorous, most profitable to grow.

## PLUMS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.25	\$1.10	\$2.00	\$4.50
3-4 ft., prepaid.....	.30	1.35	2.50	5.50
4-5 ft., not prepaid.....	.45	2.10	4.00	9.25

**SHROPSHIRE DAMSON.** Good for preserving, flesh amber colored; juicy and spicy; tree vigorous and hardy. August-September.

**AMERICA.** Fruit of golden yellow with red cheek, of good size. Almost frost-proof. Late July.

**WANETA.** The giant of hardy plums. Highly flavored, richly colored red skin, bears very early.

**GOLD.** Orange-yellow and red, flesh yellow, firm and meaty; clingstone.

**SAPA.** Glossy, dark purple, red flesh. Excellent for eating from the tree and makes the most delicious sweet wine-colored sauce.

**OMAHA.** An early light red plum, flesh moderately firm, yellow, juicy and sweet.

## APRICOTS

	Each	Per 5	Per 10	Per 25
2-3 ft., prepaid.....	\$0.25	\$1.10	\$2.00	\$4.50
3-4 ft., prepaid.....	.30	1.35	2.50	5.50
4-5 ft., not prepaid.....	.45	2.10	4.00	9.25

**HARDY RUSSIAN (Superb).** Perfectly hardy and very productive. Fine quality, flesh firm and solid. Yellow with slight blush.

**MOORPARK.** Orange-yellow, large; flesh sweet, juicy and rich. August.

# SMALL FRUITS

It doesn't take much room to grow a lot of berries, and there are large profits in them, too. And think of how nice it is to have fresh strawberries, rich ripe blackberries, luscious grapes straight from the patch to your table. And jars of canned fruit, jellies, preserves on the cellar shelves —my, my, how the neighbors will envy you, and how good it will taste when it's time to open them.

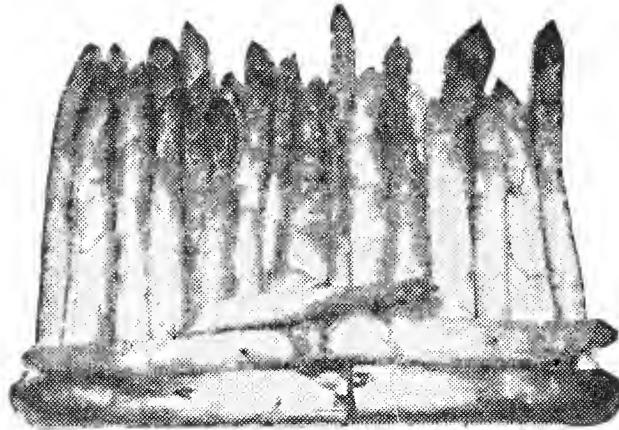
## BLACKBERRIES

Per dozen, 60c; per 25, \$1.00; per 100, \$3.25; prepaid.

**EARLY HARVEST.** One of the earliest, berry medium sized, good quality and very productive.

**ELDORADO.** Fruit handsome in appearance and of high quality. Ripens in early midseason. Immune to blackberry rust.

## GARDEN ROOTS

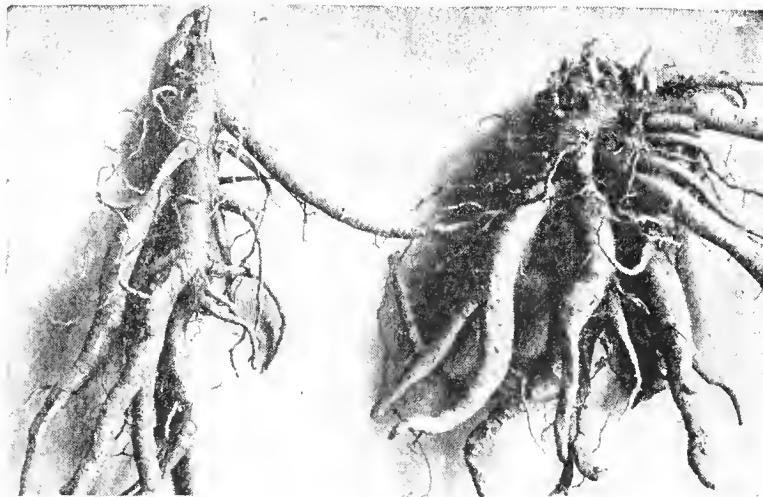


## ASPARAGUS

Washington Rust Proof. For tender green tips in early spring. 25 roots, 35c; 100 roots, \$1.25; prepaid.

## RHUBARB (Pieplant)

Large stems in early spring for pie making and stewing. Plant shallow in your richest soil. 5 roots, 50c; 12 roots, \$1.00; prepaid.



## HORSERADISH

To be dug in late winter for an appetizing relish. 12 roots, 25c; prepaid.

## SAGE

The dried leaves are used for seasoning. 18c each; 3 plants for 50c; prepaid.

## RASPBERRIES

Per dozen, 60c; per 25, \$1.00; per 100, \$3.25; prepaid.

### BLACK—

**CUMBERLAND.** Fruit very large and firm, keeps and ships well. Stout, well branched canes that produce immense quantities of fruit.

**NEW LOGAN.** Most dependable black raspberry known. Earlier than Cumberland; heavy cropper, though a short season.

### RED—

**CHIEF.** Extra early, extra good size, extra firm. Plants will stand hot, dry weather or severest winters.

**LATHAM.** Large fruit, richly brilliant red, is most attractive. Perfectly hardy and a heavy crop producer.

**ST. REGIS.** Very long fruiting season. Berries of large size and of surprising quality.

## DEWBERRIES

Per dozen, 60c; per 25, \$1.00; per 100, \$3.25; prepaid.

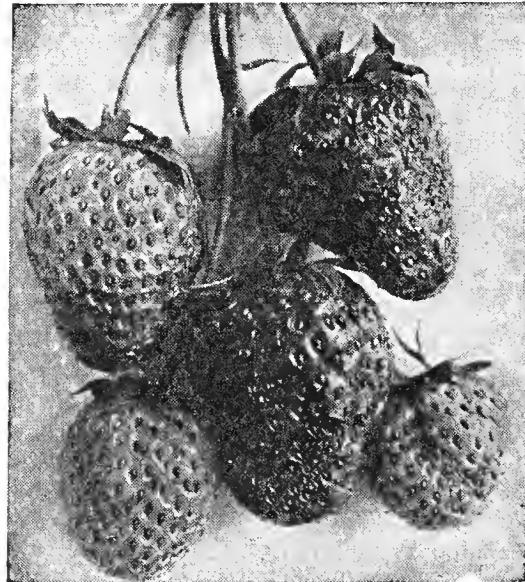
**LUCRETIA.** Large sweet coreless berries, mild flavor. Makes fine pies and jellies.

**YOUNGBERRY.** Black purple berries over an inch long. Heavy yielding.

## GRAPES

Plant in rows ten feet apart, eight feet apart in the row. Can be planted along the fence and turn that waste ground to a most profitable crop. Prices prepaid.

	Each	Per 5	Per 10	Per 25	Per 100
Concord. Black, midseason, large .....	\$0.12	\$0.50	\$0.75	\$1.65	\$5.75
Moore Early. Black, early, large	.15	.62	1.00	2.25	8.25
Caco. Red, early, large; prolific	.20	.87	1.50	3.35	...
Fredonia (New). Black, early, good quality .....	.20	.92	1.55	3.50	...
Niagara. White, midseason, large	.15	.62	1.00	2.25	8.25
Catawba. Purplish red, late, large	.15	.62	1.00	2.25	8.25



## STRAWBERRIES

Maybe Mother Nature has a more toothsome morsel than the strawberry, but I have never found it; and maybe strawberries grow bigger and finer flavored than they do right here in the Ozarks, but the explorers have not yet discovered the land. Here are the choicest varieties of them all. Prices prepaid.

	Per 50	Per 100	Per 500
Aroma. The kind that made Missouri famous; ripens late, ships well.....	\$0.50	\$0.85	\$3.25
Mastodon. Best of the everbearers.....	1.00	1.75	6.95
Dorsett. Extra early, extra large berries.....	.75	1.35	5.50
Senator Dunlap. Midseason, prolific.....	.50	.85	3.25
Blakemore. Fruit uniformly large, of good quality, and bright color.....	.50	.85	3.25
Gem. Everbearing; berries large, round and solid, plants vigorous and hardy.....	1.00	1.75	6.95

## SHADE TREES

"Let us go over the river  
And rest in the shade of the trees."

These shade trees won't grow fruit, but they will produce shade and provide a resting place for you when weary. They are rapid growing trees and will add immeasurably to the appearance of your home. They are fine large specimen trees, too large to mail—sent to you by express, charges collect.

	Each	2 for	5 for
Chinese Elm. Rapid growing and dense foliage	\$0.75	\$1.40	\$3.40
Lombardy Poplar. Tall, slender trees for screens and backgrounds	.40	.70	1.50
Silver Maple. Grows rapidly into a very large tree; foliage light green with silvery underside	.65	1.25	3.00
American Elm. With wide-spread and drooping branches. This is our best street tree	.65	1.25	3.00



## VINES

A good vine over that bare porch will make it much more homely—give you welcome shade and privacy but not shut off the breeze. For covering fences, rocks, walls, banks and trellises vines are particularly useful. Quick growing.

### PREPAID.

	Each	2 for
Englemans Ivy. Five-leaf ivy that will cling to wall or climb a fence. Green in summer, turning to a beautiful scarlet in fall	\$0.30	\$0.50
Clematis Paniculata (Sweet Summer Clematis). Luxuriant grower, blooming profusely in mid-summer	.30	.50
Clematis Jackmanni. Dark purple flowers from four to six inches across. July to October	.75	1.40
Polygonum (Silver Lace Vine). A rapid grower, bears a great mass of white flowers in late summer	.75	1.40
Wistaria. Purple. Rapid growing and elegant. Pale blue flowers borne in great clusters	.30	.50
Goldflame Honeysuckle. Bright rose-red flowers that are lined with rich gold that bloom continuously from early summer till frost. Good for porch, trellis, fence or ground cover	.85	1.50
Halls Japan Honeysuckle. Nearly evergreen; flowers white to yellow, very fragrant	.30	.50

## EVERGREENS

### NOT BY MAIL

Our Evergreens have been transplanted several times to secure abundance of fibrous roots. The trees will be dug with a ball of earth, wrapped in burlap.

**AMERICAN PYRAMIDAL ARBORVITAE.** 2 to 3 ft. \$2.25 each.

**CHINESE ARBORVITAE.** 2 to 3 ft. \$2.25 each.

**BERKMAN'S GOLDEN ARBORVITAE.** 24 to 30 in. \$4.50 each.

**GLOBE ARBORVITAE.** 12 by 12 inches. \$1.50 each.

**PINE, Mugho.** A many stemmed, low branch, dense, dwarf pine, \$1.50 each.

**JUNIPER, Savin.** Low and spreading in habit. An excellent border for large evergreens, and valuable for foundation plantings. 15-inch spread, \$1.75 each; 18-inch spread, \$2.25 each.

**JUNIPER, Pfitzer.** Gray-green, low, broad, irregular. One of the good rarer varieties. 15 to 18 inches, \$2.75 each.

## PERENNIAL FLOWER PLANTS

No planting is complete without some of these old fashioned garden plants. You plant them with the same assurance that you plant hardy shrubs, because they come up year after year to brighten the landscape with their wonderful flowers.

Each, 25c; Per 5, \$1.00; prepaid.

**COLUMBINE.** The long-spurred kind that are so defiantly dainty. All colors, mixed. May and June.

**CHRYSANTHEMUMS.** Glorious fall-blooming flowers of red, pink, bronze, yellow, and white.

**DELPHINIUM (Larkspur).** Long showy spikes of varying shades of blue. Bloom in June and July, sometimes again in the fall.

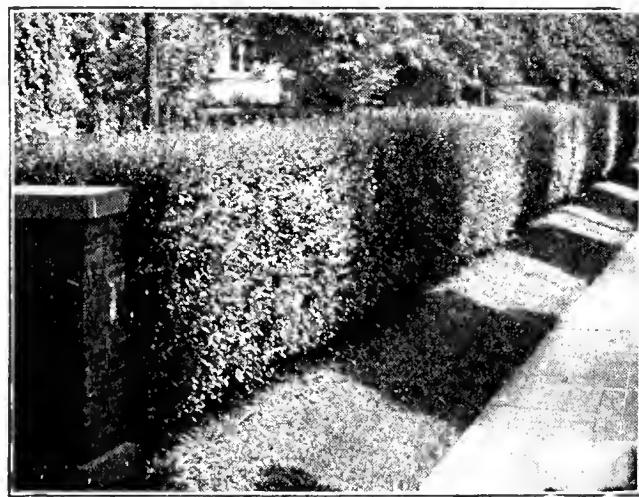
**GYPSOPHILA (Baby's Breath).** Two or three feet in height and most graceful in effect, with masses of tiny white flowers.

**HARDY FERN.** For outdoor planting. Long, heavy but graceful fronds.

**PHLOX.** Showy, sassy flowers in a wide range of colors. Bloom from early summer till frost. B. Comte, satiny purple, very brilliant, tall. R. P. Struthers, brilliant carmine with red eye. Rijnstroom, beautiful clear pink. Mrs. Jenkins, white. Thor, deep salmon-pink.

**OLD FASHIONED BLEEDING HEART.** You will be delighted with the long, graceful sprays of pink heart-shaped flowers that bloom in early spring.

Each, 30c; per 4, \$1.00; prepaid.



## PRIVET HEDGING

For boundary, screen or barrier there is nothing more suitable than a good privet hedge. Plant 10 to 12 inches apart.

### Prepaid.

	Per 10	Per 25	Per 100
18-24 inch	\$0.75	\$1.50	\$5.75
12-18 inch	.65	1.25	4.75

**AMUR RIVER.** The hardest of all. Holds its leaves until severely cold weather.

**CALIFORNIA.** Rich, dark green, lustrous leaves. Not quite so hardy as Amur River privet, but will come again if frozen back.



Evergreens "Balled and Burlapped"  
Pyramidal Arborvitae (center) Globe  
Arborvitae (left), Chinese Golden  
Dwarf Arborvitae (right).



## BUSH ROSES

Each, 39c; Per 3, \$1.00; prepaid.

"What is so fair as the rose when it blows" The rose fairly deserves the title QUEEN OF FLOWERS. Perfection of form and color, long-lasting, most delightfully fragrant, every quality for which you could ask. The varieties we offer have been tried and found worthy of a place in your garden.

**BRIARCLIFF.** Brilliant rose-pink, high centered blooms.

**CALEDONIA.** Long snowy white buds, blooms profusely, deliciously fragrant.

**EDITH NELLIE PERKINS.** Buff inside, coppery pink outside.

**E. G. HILL.** Long bud, full double, dazzling scarlet. A vigorous growing rose.

**ETOILE DE HOLLANDE.** Brilliant red, huge, free-flowering and fragrant.

**GRENOBLE.** Clear scarlet-red, tall, strong growing.

**HERBERT HOOVER.** Finest of the famous two-tone roses. Pink, flame-scarlet and yellow.

**KAISERIN AUGUSTE VIKTORIA.** Large and full flowers of white with lemon-yellow tinge.

**LADY HILLINGDON.** Exquisite buds of deep yellow, perfectly formed flower, long stems.

**MRS. E. P. THOM.** Large flowers of bright canary yellow.

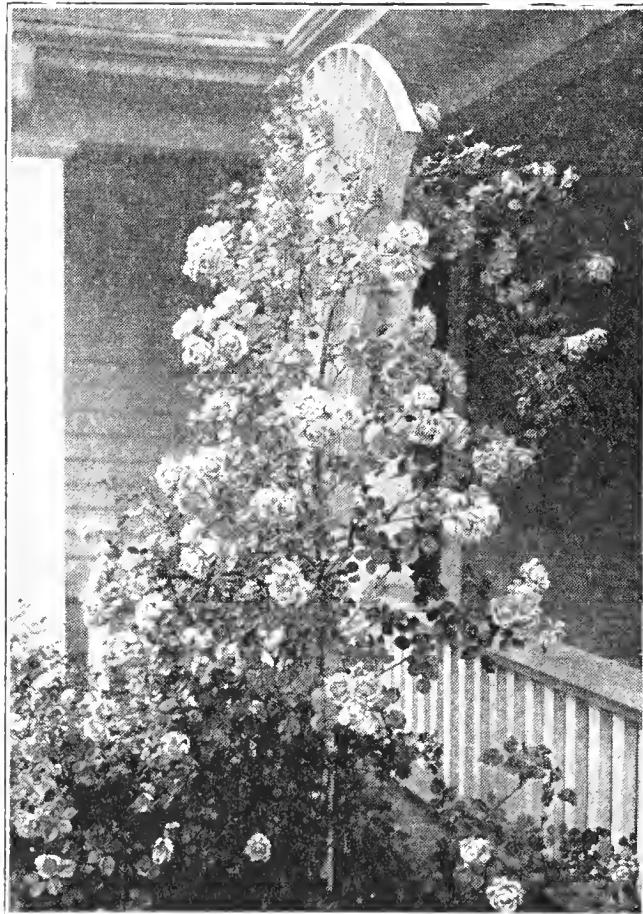
**MRS. HENRY BOWLES.** Clear pink, fine form, vigorous and free flowering.

**PINK RADIANCE.** Extra hardy, vigorous and prolific. In color it is a beautiful blending of carmine-rose with shades of opal and copper.

**RED RADIANCE.** Just as good as Pink Radiance. Its color is a brilliant crimson.

**SUNBURST.** Rich yellow with orange-yellow center. Free-blooming, very few thorns.

**TALISMAN.** Brilliant red and golden buds that open to gorgeous flowers of scarlet-orange and golden yellow. Blooms constantly.



## CLIMBING ROSES

Each, 39c; Per 3, \$1.00; prepaid.

**PAUL'S SCARLET CLIMBER.** Intense scarlet flowers of generous size, vigorous and free-flowering.

**CLIMBING AMERICAN BEAUTY.** Rich red, fragrant, producing literally hundreds of perfect flowers at one time.

**SPANISH BEAUTY.** Long shapely buds of an iridescent pearly pink tipped with crimson.

**SCORCHER.** Large wide-open, semi-double flowers of brilliant scarlet-crimson.

**GARDENIA.** The hardiest and most dependable yellow climbing rose.

## ORNAMENTAL SHRUBS

Plant shrubs plentifully around your home. They liven up the yard with their timely blooms, and when out of the blooming season the foliage adds an air of distinction. The choicest shrubs from all over the world gathered together for your use.

2-year, 1 to 1½ ft., 25c each; 5 for \$1.00; prepaid.

3-year, 1½ to 2 ft., 30c each; 4 for \$1.00; prepaid.

**BUTTERFLY BUSH, ILE DE FRANCE.** Deeper, richer color than the common Butterfly Bush, its reddish purple flowers are borne in abundance throughout the summer and fall.



JAPANESE BARBERRY

**JAPANESE BARBERRY.** Low-growing, dense; glossy green foliage in summer turning to coppery red in fall, followed by brilliant red berries.

**GOLDEN BELL.** A cascade of bright yellow flowers in early spring, followed by dark green foliage.

**ALTHEA (Rose of Sharon).** Fine free-flowering shrubs or small trees. Blossoms of pink, purple, red or white borne in August and September.

**BUSH HONEYSUCKLE.** A large-growing bush that will stand much abuse. Pink flowers in spring. May be sheared to form a dense hedge.

**SPIREA VANHOUTTE (Bridal Wreath).** Best known and most widely used of all the shrubs. Long sprays of white flowers in spring forming a veritable mass of bloom.

**SPIREA THUNBERGII.** White blossoms very early in the spring, foliage fine and feathery makes it an admirable foundation plant.

**SPIREA ANTHONY WATERER.** Red Dwarf Spirea. Showy red flowers borne in umbrella-like bunches throughout the summer.

**SPIREA FROEBELI.** Much like the above but of a pleasing pink shade and somewhat taller habit of growth.

**VITEX MACROPHYLLA.** Showy spikes of lavender blue flowers borne in profusion from midsummer till frost. Something new.

**WEIGELA.** Pink flowers are large, trumpet shaped, blooming in June and July.

### PRICES ON THE FOLLOWING:

2-year, 1 to 1½ ft., 40c each; 3 for \$1.15; prepaid.

3-year, 1½ to 2 ft., 45c each; 3 for \$1.25; prepaid.

**CREPE MYRTLE.** Crinkled or fringed flowers, in pink, red, purple or white.

**HYDRANGEA, HILLS OF SNOW.** Immense panicles of white blossoms in July.

**HYDRANGEA PEEGEE.** Large panicles of creamy white flowers in August, turning to a pinkish green shade and remaining on the bush until late in the fall.

**OLD FASHIONED SNOWBALL.** Large clusters of pure white flowers produced in May and June.

**MOCK ORANGE (Virginal).** Nearly everblooming, large double flowers, sweetly fragrant.

## MOTHER'S PEONY COLLECTION SPECIAL OFFER No. 151

You couldn't buy peonies that would perform better or give you more satisfaction than these three we have selected, no matter how much you might pay for them.

1 *Edulis Superba*—Bright glowing pink.

1 *Festiva Maxima*—Snowy white.

1 *Felix Crousse*—Brilliant red.

3 Large three-year-old, 3 to 5 eye plants, \$1.00, postpaid.

## THE MARVEL *Bridal Wreath Special Offer* SPECIAL OFFER No. 152

Enough Spirea VanHoutte to plant 50 feet of hedge—plenty to border that drive to the garage or for a splendid line fence. Hardy, fast-growing, ornamental and useful.

20 Spirea VanHoutte (Bridal Wreath), 1 to 1½ feet, for \$1.00, postpaid.

## QUEEN CITY *Shrub Collection* SPECIAL OFFER No. 153

A Garden of Shrubs that will give you flowers from early spring until frost, and a wide range of color, too. You will like this selection, for it can't fail to please.

1 Spirea VanHoutte, white, May.	<b>ALL FIVE SHRUBS 1 to 1½ feet high for \$1.00, postpaid.</b>
1 Rose of Sharon, red, August-September.	
1 Golden Bell, yellow, April.	
1 Spirea Froebeli, pink, May-July.	
1 Butterfly Bush, lavender, July to frost.	

## THE CASCADE *Spirea Offer* SPECIAL OFFER No. 154

10 Landscape-planting size Bridal Wreath Spirea, all you will need for the average home, sturdy 1½ to 2-foot plants, \$1.00, prepaid.

## LOMBARDY POPLARS SPECIAL OFFER No. 162

We call this our "ASTONISHMENT OFFER" for you will truly be astonished at the value, and because the Lombardy Poplar really is an overgrown exclamation mark! Nothing finer for a background planting when height and picturesqueness is wanted.

10 three-foot trees for \$1.00, prepaid.

## HOME GARDEN ORCHARD SPECIAL OFFER No. 155

A splendid collection of fruit trees carefully chosen for home use. All of finest quality and bountiful bearers.

1 Jonathan Apple, bright red, juicy and sweet.

1 Yellow Delicious, golden yellow, finest flavor.

1 Elberta Peach, freestone, large, midseason.

1 Orange Cling, yellow, late, large and juicy.

1 Waneta Plum, large, red, hardy.

All 5 for \$1.00, prepaid.

## OZARK SPECIAL ORCHARD COLLECTION SPECIAL OFFER No. 156

A genuine all-purpose fruit tree collection. Here's the materials for apple jelly, peach butter, apricot sauce, plum pudding, pear honey, cherry pies. Oh, boy, how larruping!

1 Double Red Delicious Apple.

1 Champion Peach.

1 Big Boy Apricot (it's a new variety, but a good one).

1 Omaha Plum.

1 Kieffer Pear.

1 Montmorency Cherry

Six Fine Trees, One of Each Kind, for \$1.35, Prepaid.

NOTE—By cutting out the Cherry the collection could be sold for a dollar, but would not be so good. The Cherry is a drawing card.

## Here's a PEACH of a collection SPECIAL OFFER No. 157

Here is a truly BIG VALUE offer. Ten peach trees of the best varieties we could find, just the thing for that peach orchard you have always wanted, at price that you can afford.

2 *Golden Jubilee*, large, yellow-meated freestone, ripens early.

2 *Rochester*, high quality yellow freestone, ripens very early.

2 *Halehaven*, fine flavored, well colored, early freestone, hardy.

2 *Heath Cling*, large, splendid quality, white meat, late.

2 *J. H. Hale*, smooth, bright crimson, richly flavored, freestone.

10 Trees, all 1½ to 2 feet in height, for \$1.00, prepaid.

## GOLDFLAME HONEYSUCKLE SPECIAL OFFER No. 166

Here is truly an everblooming vine. In bloom constantly from early summer until killing frost. Showy trumpet-like flowers, flame-red outside, bright yellow inside, like a cavalier's cloak. Nearly evergreen. Hardy.

85c each; 2 for \$1.50; prepaid.

## CHINESE ELM SHADE TREES

### Special Offer No. 158

Fine large trees, sturdy and strong, for quick shade.

8 Trees, 4 to 5 feet tall, for \$1.00, not prepaid.

### Chinese Elm Shade Trees

### Special Offer No. 160

Economy size, but they are not trash. Splendid little trees they are.

12 Trees, 3 to 4 feet tall, for \$1.00, prepaid.

## Great Bargains in CHINESE ELMS

Wonderful, fast-growing Shade Tree—thrives on dry weather. Dense, glossy foliage. Not affected by elm-worms or other insects.

## CHINESE ELM SEEDLINGS

### Special Offer No. 159

A splendid lot of large-size seedlings, for extensive plantings.

30 Plants, 2 to 3 feet, for \$1.00, prepaid.

### Chinese Elm Seedlings

### Special Offer No. 161

Not so large as the other offers, of course, but say, Mister, how they will grow!

100 of them, 1 to 1½ feet, \$1.50, prepaid.

## JELLY MAKERS' DELIGHT SPECIAL OFFER No. 163

Concord Grapes, the standard by which all other grapes are measured—large, full flavored fruit borne in great abundance, long season. Vines hardy and easily grown. Unsurpassed for jelly, marmalade or grape juice.

No. 163-A—15 Concord Grapes for \$1.00, prepaid.

No. 163-B—100 Concord Grapes for \$5.00, prepaid.

## RHUBARB--ASPARAGUS COLLECTION SPECIAL OFFER No. 164

12 Rhubarb Roots, mammoth stems, tart and juicy.  
25 Asparagus Roots, Washington rustproof strain.

All for \$1.00, prepaid.

## A ROSE GARDEN for a DOLLAR SPECIAL OFFER No. 165

Now here is something! Think of five field-grown, two-year-old roses in all colors delivered at your door for only \$1.00. See what a wonderful selection we have made for you:

1 E. G. Hill, long bud, full double, dazzling scarlet.

1 Souvenir de Claudius Pernet, one of the finest yellow roses.

1 Mrs. Charles Bell, shell pink variant of Pink Radiance.

1 Mme. Jules Bouche, white with shade of pink at center.

1 Talisman, best-known two-tone rose, apricot gold and deep pink.

5 Roses for \$1.00, prepaid.

## PINK CUSHION CHRYSANTHEMUM SPECIAL OFFER No. 167

A marvelous mass of dainty pink flowers beginning in late summer or early fall. May be moved to large pots and continue to regale you with their beauty till 'way long in the winter. Never before offered at this price.

25c each; 4 for \$1.00; prepaid.

## THE BOUNTIFUL BOYSENBERRY SPECIAL OFFER No. 168

The latest thing in berries. Something extraordinary new and different. These splendid berries average 1½ to 2 inches in length and 1-inch in diameter—twice the size of the Youngberry. Jet-black, highly flavored and comparatively seedless, vigorous grower and bountiful cropper.

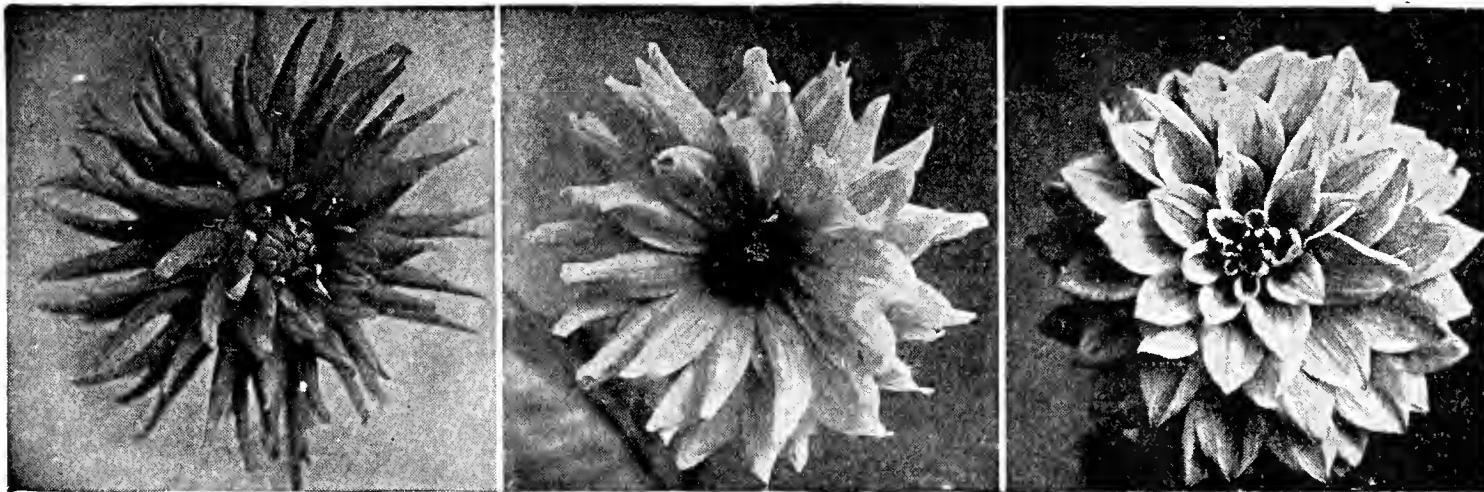
10 plants for \$1.00; prepaid.

## SAVE \$1.00

Order Any Six (6) of these  
\$1.00 Collections  
(Value \$6.00)

Pay Only      \$5.00      All Prepaid

# SUMMER FLOWERING BULBS



## DECORATIVE DAHLIAS

Please Bear in Mind—We offer only high test Exhibition Variety Tubers, such as have been duly tested and grown by us, and are true to name and color.

**JANE COWL** (Dec.). Bronzy buff and old gold, darker towards center. Each, 25c; dozen, \$2.50.

**MARG. WOODROW WILSON**, D. Monster cream, reverse phlox-pink. Each, 25c; dozen, \$2.50

**BASHFUL GIANT**. A gigantic bloom. Apricot with golden shadings. Each, 25c; dozen, \$2.50.

**MRS. I. DE VER WARNER** (Marean). A blossom of soft orchid coloring. Each, 25c; dozen, \$2.50.

**PRIDE OF CALIFORNIA**. Color crimson red with dark full center. Each, 25c; dozen, \$2.50.

**KATHLEEN NORRIS** (F. D.). Greatest pink decorative Dahlia in commerce today; true rose pink, later deepening to mellow pink, but paler in young central petals. Broad overlapping petals with twisted ends, filled to center. Great bloomer and excellent keeper. Each, 25c; dozen, \$2.50.

**JERSEY'S BEAUTY** (Decorative). A true, pure pink. Each, 20c; dozen, \$2.00.

**JEAN KERR** (Decorative). Pure white of fine form; a profuse bloomer on stiff stems; the best commercial white. Each, 25c; dozen, \$2.50.

## FREE DELIVERY BY MAIL.

All bulbs offered in this list will be delivered to your doorstep anywhere in the United States by parcel post, prepaid, at prices mentioned.

## GLADIOLI

**BETTY NUTHALL**. One of the finest of the newer varieties; large light salmon with pale yellow throat and light feathering of carmine. 4c each; 35c dozen; \$2.50 hundred.

**MR. W. H. PHIPPS**. "La France" pink overlaid with light rose-salmon, lighter towards center with speckled ruby throat markings. 4c each; 35c dozen; \$2.50 hundred.

**GOLDEN DREAM**. Pure yellow. A leader in the class of yellow Gladioli. A beautiful variety. 3c each; 30c dozen; \$2.25 hundred.

**CHICAGO WHITE**. A fine white variety with lavender stripes on lower petals. 3c each; 35c dozen; \$2.25 hundred.

**VIRGINIA**. One of the most popular commercial reds. Its earliness and fine forcing qualities as well as the lasting brilliancy of the flowers have created for it a well deserved popularity. 4c each; 35c dozen; \$2.50 hundred.

**GIANT NYMPH**. "La France" pink, creamy yellow throat. Large flowers well placed. 3c each; 35c dozen; \$2.50 hundred.

**PICARDY**. Undoubtedly the finest of recent introductions. Extremely long stems, with many enormous size flowers open at one time. The color is soft pink, shading to deeper pink on the lower petals. Distinct markings in throat. 4c each; 40c dozen; \$2.75 hundred.

**HALLEY**. A most attractive early blooming sort with large, well-opened flowers of delicate salmon-pink. 3c each; 30c dozen; \$2.25 hundred.

**MINUET**. A beautiful giant lavender Gladiolus having 4 or 5 sides the last word in Lavender Gladioli. 5c each; 50c dozen; \$3.75 hundred.

**RAINBOW MIXTURE** Gladiolus (Gladioli) Bulbs (1 doz.). Price 35c per box; postpaid.

**PLANTS and ROOTS NOT PREPAID  
BEST SENT BY EXPRESS or BUS**

## TUBEROSES

**EXCELSIOR DWARF PEARL**. Rich, waxy white, very double and remarkably fragrant. 5c each; 50c dozen; postpaid.

**TALL DOUBLE**. Flower spikes 3½ to 5 feet high. First size bulbs 5c each; 50c dozen; postpaid.

## CALADIUM ESCULENTUM

### ELEPHANT'S EAR

**FIRST SIZE BULBS**. 1½ to 2½ inches in diameter. Each, 15c, postpaid.

**SELECT SIZE BULBS**. 2½ to 3 inches in diameter. Each, 25c, postpaid.

**MONSTER SIZE BULBS**. 40c each, postpaid.

**LILY OF THE VALLEY**. 35c dozen, postpaid.

**CINNAMON VINE**. A well known climber, brilliant glossy foliage, bears an abundance of fragrant flowers, often attains a height of 20 feet. 30c dozen, postpaid.

**MADEIRA VINE**. Tubers. 35c dozen, postpaid.

## CANNAS

Ready March 1 to June 1.

**KING HUMBERT**. The Royal Red Canna. Height 5 feet. 10c each; 3 for 25c.

**THE PRESIDENT**. 4 feet; in color a rich glowing scarlet. 10c each; 3 for 25c.

**YELLOW HUMBERT**. Fine yellow, spotted with red. Height 4 feet. 10c each; 3 for 25c.

**ALL COLORS**. Mixed, dormant. 10c each; 2 for 15c; 85c dozen.

## ALL BULBS POSTPAID

## BEDDING PLANTS

Can Be Shipped by Express or Bus. Not Prepaid. Plants out of 2½-inch pots or flats. 10c each or \$1.00 per dozen.

Plants out of 4-inch pots. 20c each or \$2.00 per dozen.

**ALYSSUM**. White, for porch boxes.

**COLEUS**. All bedding varieties.

**CHRYSANTHEMUMS**. In all colors.

**FUCHSIA**. Assorted. 50c each.

**FEVERFEW**. Thrifty, strong plants.

**GERANIUMS**. Out of 4-inch pots only. Double or single. All colors; 20c each; \$2.00 dozen.

**HELIOTROPE**. Out of 4-inch pots only. Purple or white.

**PANSIES**. Large, imported varieties, in bloom. 50c dozen.

**PANSIES**. Seed bed plants, not in bloom. 25c dozen.

**PARLOR IVY**. Excellent plants.

**SALVIA or SCARLET SAGE**. Large, flowering.

**CANNAS**. Growing plants, assorted. 20c each; \$2.00 dozen.

**CALADIUM**. Growing plants, 5-inch pots. 50c each.

**CHINESE GIANT ASTER**. Per dozen plants, 50c.

**GROWING FERNS**. For porch boxes, 2½-inch pot size. 10c each; \$1.00 dozen.

**GROWING FERNS**. For hanging baskets, 2½-inch pot size. 10c each; \$1.00 dozen.

## HYACINTHS, TULIPS and CROCUS

For fall planting. Ready September 1. Send for fall bulb list.

A dog is man's best friend, give him a square meal of Paramount Dog Food. It is a Beef Product.

**PARAMOUNT DOG FOOD**. In 1-lb. cans. A 64% beef meat food. Per can, 10c; per dozen cans, 75c; case of 4 dozen cans, \$2.95; f. o. b. our store.

**PARAMOUNT DELUXE DOG FOOD**. Per dozen 1-lb. cans, 60c; case of 4 dozen cans, \$2.25; at our store.

# All Summer FLOWER SEEDS

## Loads of Beautiful Flowers

Flowers are something everyone should be interested in. They do so much to make the home beautiful and lovely. The flowers outside a home largely reveal the character within.

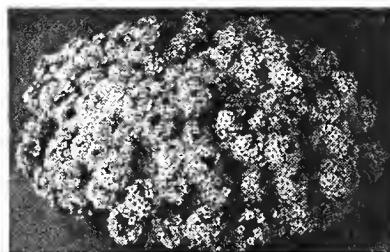
From just a few packets of seed you will be able to cut flowers by the basketfuls all summer and by doing so they just bloom all the harder.

Our seeds germinate quickly. All are tested and sent to you in big full-measure packets with instructions for planting on the back of each packet.

This year we are offering plants, too, of many of our finer varieties. All are grown from finest selected seed stocks, transplanted and "topped," which means healthy, vigorous tops, as well as sturdy roots. Postpaid and satisfaction guaranteed. Send your order for plants right along with your seed order and we will mail the plants at the proper planting time.



Ageratum



Alyssum

**All Flower Seed Prices Are Postpaid.**

**PRICES:** All Packets Are 10c Each; 3 for 25c, Postpaid, Except as Noted.



African Daisy

## AFRICAN DAISY

(Dimorphotheca). Grows 15 inches high. Blooms are  $2\frac{1}{2}$  inches across, ranging in color from white to salmon and orange with dark centers.

## AGERATUM

Five inches tall. One of the best bedding plants. Splendid for borders or edging. Blooms the entire season. Rapid grower. Pkt., 20c.

Little White Star.

Little Blue Star.

## SWEET ALYSSUM

Pretty little plants for beds or vases, blooming all summer long. Very sweetly scented.

Dwarf Yellow.  
Carpet of Snow.

Lilac Queen.  
Mixed.

## AMARANTHUS

(Tri-color Splendens—Joseph's Coat.) Very useful in borders of tall plants, among shrubs, or for centers of large beds. Grows  $2\frac{1}{2}$  feet tall. Inner foliage is of blackest bronze tipped with green. Outer foliage scarlet and gold.

## FREE GIFTS With Your Garden Seed Orders

**ORANGE KING.** The splendid orange saffron gladiolus. The freest flowering gladiolus. Also the new All-American Flower Selection—Annual Canterbury Bells.

5 bulbs FREE (value 30c) with your \$1.50 garden seed order.

5 bulbs and 1 packet of the New Annual Canterbury Bells (value 25c) FREE with your \$2.00 garden seed order.

10 bulbs and Canterbury Bells FREE with your \$2.50 garden and flower seed order.

**ORDER EARLY AND GET THESE FREE GIFTS.**

## ASTERS

Early sorts begin blooming in July, followed by the mid-season sorts, which are at their best in August. Then come the late blooming kinds which bloom through September and October.

**CREGO ASTERS.** This variety produces the largest flowers of the comet type. Very full and fluffy, 4 to 5 inches in diameter. When cut they outlast all other types.

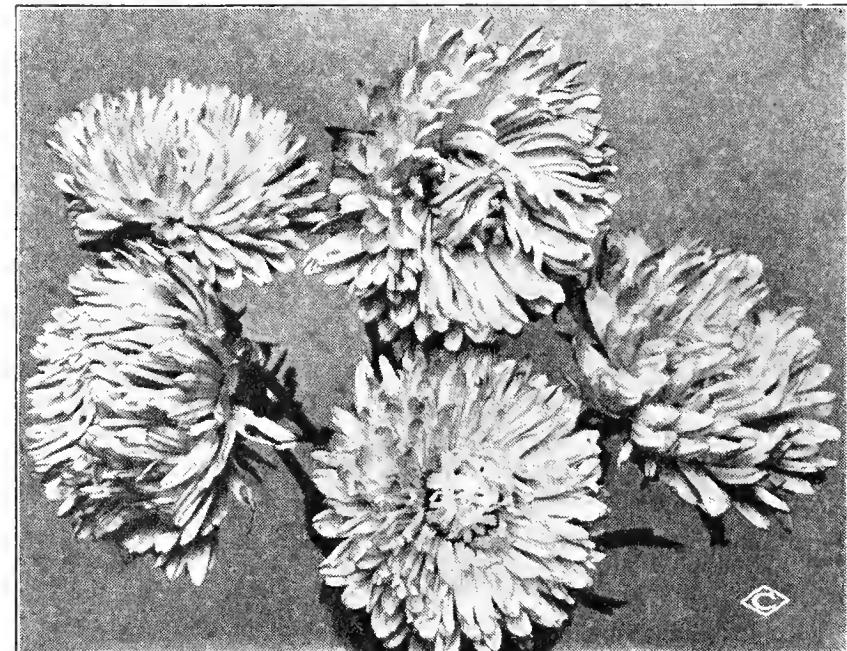
Crimson, White, Shell Pink, Lavender, Purple, Mixed.

**EARLY BEAUTY ASTERS.** Attain a height of around two feet. Are of a branching habit. Flowers large, resembling Chrysanthemums, borne on long stout stems. Bloom at same time with Crego varieties.

Black Prince, Lavender, Crimson, White, Pink, Mixed.

**WILT RESISTANT ASTERS.** Many of our friends have been troubled with wilt at some time or another. These varieties are able to grow and bloom beautifully on infested ground. Some of the largest and finest flowers in America in these new strains.

Pink, Crimson, White, Lavender, Purple, Mixed.



Crego Asters

**SUNSHINE MIXED ASTERS.** The best mixed assortment for home use. All shades and colors with golden centers.

**BRILLIANT QUILLED ASTERS.** Mixed colors.

**MAMMOTH AMERICAN BRANCHING ASTERS.** Large. Late blooming. Mixed colors. Best in September. Seed, pkt., 10c; 3 for 25c.

**PEONY ASTERS.** Mixed colors. Large double blooms resembling peonies.

**LILLIPUT MIXED.** Small flowered, intensely doubled of ideal habit. Seed pkt., 15c.

**Flowers—Vivid in Color, Healthy, Strong Stems.** Flowers lacking in color . . . blooms sparse and poorly formed . . . stems spindly . . . foliage scant and faded. These are sure signs of starvation. Your flowers need a square meal—a complete plant food—Vigoro. It supplies each of the essential elements required for healthy plants and abundant, colorful flowers.

## BABY'S BREATH

This annual variety has larger flowers than the perennial and is a soft pink in color.



Burning Bush



Balsam

## BALSAM

The old-fashioned Camelia-flowered "Touch-Me-Not" or "Lady's Slipper." Produces a great profusion of brilliantly colored blooms.

## BLUE LACE FLOWER

(Didiscus Coeruleus.) An old fashioned annual which has broad lacy clear blue heads on two-foot stems. Seed, pkt., 10c; 3 for 25c.

## BURNING BUSH (Kochia)

Makes a beautiful hedge or background. Grows very compact turning from light green to blood red in early autumn.

## BUTTERFLY FLOWER (Schizanthus)

The fern-like foliage is very attractive even before the flowers come on. The blooms are all colors, shaped like many delicate butterflies.

## CALENDULA (Pot Marigold)

**RADIO CALENDULA.** A large double bloom of a deep shade of golden yellow with attractively quilled petals. Orange King, Lemon King.

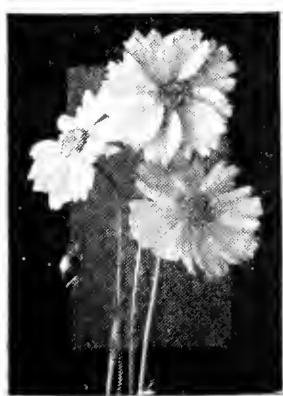
## CANDYTUFT

They soon flower from seed and remain long in bloom. When massed in flower beds and edgings they are unsurpassed. Make splendid cut bouquets. Empress (pure white), Crimson, Lavender, Fine Mixed.

## CALIFORNIA POPPY

**ESCHSCHOLTZIA AURANTIACA.** This is the true California Poppy. Its brilliant coloring and silk like texture make it an outstanding plant. It blooms from early summer until freezing weather. Mixed colors.

**THE GEISHA.** A brilliant rose and orange coloring that makes a blaze of color in your garden all summer long.



Calliopsis



Carnation

## CALLIOPSIS

Mixed colors. Sow early and thin to 12 inches apart. Easily grown. Beautiful for either garden or cut flower decoration.

## CHRYSANTHEMUMS

Sown in April they begin flowering in July. Pinch back to encourage branching. They make delightful border plants and beautiful bouquets throughout the summer. Golden Feather, Mixed; The Sultan, rich red; Evening Star, yellow.

## CANNAS, Large Flowering

You all know how easily they can be grown from the roots; well they can be just as easily grown from seed. Soak seed 24 hours in warm water. Sown in February should bloom all colors in July.

## CANTERBURY BELLS

A biennial which seeds itself. Easily grown and fine for rock gardens or in the border. Mixed colors.

**NEW ANNUAL CANTERBURY BELL.** Brings spring to the garden in the fall. We recommend this new annual to all our flower lovers. An annual that can be brought into bloom any time after July. Blooms are the shape of delicate bells in rich shades of dark blue, light blue, pink, rose and white.

## CARNATIONS

Always in demand and can be easily grown in your own garden. They are just like regular greenhouse blooms except that they are a trifle smaller. White, Yellow, Red or Pink, Mixed.

Calendula  
(Pot Marigold)

Candytuft

## CASTOR BEANS (Ricinus)

Well adapted for backgrounds along the side or back garden fence. Moles won't bother a garden hedged with Castor Beans.

## CENTAUREA

This is a very hardy annual, flowering all summer. Very easily grown. A fine border plant and very showy. Bachelor's Button or Corn Flower. Also Dusty Miller.

## MAMMOTH SWEET SULTAN

Another type Centaurea with large flowers shaped like the globe thistle. Brilliant Rose, Blue, Golden Glow, Purple, Mixed.

## CHINESE FORGET-ME-NOT

Very fine for cutting. Grow 18 to 24 inches tall and are covered with vivid Forget-Me-Not blooms. Blue, Pink.

## CHINESE WOOLFLOWER

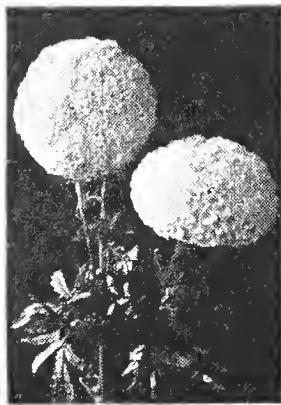
(Celosia Childsi.) A variety of Cockscomb. Fine for winter bouquets. Mixed shades.  
**PRICES, ALL PACKETS, 10c EACH; 3 FOR 25c; POST-PAID UNLESS OTHERWISE NOTED.**

## Free Gifts With Your Garden or Flower Seed Order

**"ORANGE KING" GLADIOLUS.** We are offering you 5 bulbs Free (value 30c) on your \$1.50 garden seed order. If your garden and flower seed order totals \$2.00 we will include in addition to the 5 bulbs, 1 packet of the new beautiful Annual Canterbury Bells.

## LUPINE

**MAYFAIR HYBRID.** Easily grown on poor soil but insists on good drainage. Carries long graceful spikes of rich and various colored flowers.



Marigold



Mignonette

## MARIGOLDS

They light the garden with a glitter of yellow and gold from July far into the frosts of autumn.

**DOUBLE TALL AFRICAN VARIETIES.** Lemon Ball. Mixed shades of yellow and orange. Orange Ball.

**DWARF FRENCH DOUBLE.** Mahogany, Lemon Queen, Double Dwarf Mixed (Pride of the Garden).

**DWARF SINGLE FRENCH.** Legion of Honor. Golden yellow marked with a large spot of velvety crimson at the base of each petal. Golden Star, Marigold Mixed.

**CARNATION FLOWERED MARIGOLD.** Guinea Gold. A brilliant orange very double and ruffled with loose lace petals. This is a new and distinct type.

## MIGNONETTE

No garden is complete without this fragrant plant of unassuming carriage. One of its principal uses is for cutting and combining in bouquets with other more superior blossoms but lacking in Mignonette's delicate odor.

Defiance, Large Flowering.



Nasturtiums

## NASTURTIUMS

One of our most popular garden flowers. They will bloom profusely from mid-summer until frost. Their resistance to drought and heat makes them particularly valuable.

**DWARF NASTURTIUMS.** Suitable for edging and bedding. Sweet scented cut flowers.

Scarlet Beauty; King Theodore, maroon; Golden King; Rose; Empress of India, crimson; King of Tom Thumb, scarlet.

**TALL OR CLIMBING VARIETIES.** 8 to 10 ft. Splendid for large beds or plantings where there is room to spread.

**MIXED DWARF.** All varieties and colors. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

## PRICES

All Packets 10c Each, 3 for 25c  
Postpaid  
Unless otherwise noted

## BABY BLUE EYES

(*Nemophila*.) Another quick-growing little annual which is perfectly at home anywhere. It grows 8 to 10 inches tall. Is completely covered with small poppy-shaped blooms in various shades of blue and white.

## MIRACLE MIXED PANSIES

What's lovelier than a big bed of soft velvety pansy blooms? They are the most friendly flowers we know. These big blotched pansies in yellow and in purple are our favorites but those dark reds and blacks are hard to beat. Sow in March, April or May in light sandy soil. Keep well moist and shaded with burlap. Sow shallow and thin or transplant when seedlings have sprouted four leaves. Pkt., 25c.



Pansies

**OREGON GIANTS.** The last word in Pansies. Without exception this strain will produce the largest and finest Pansies you ever saw. Plant these for the flower show. Pkt., 25c.

**MIRACLE MIXED.** Our super mixture contains all the finest types of all strains, latest novelties including ruffled flowers and many of the new Sunburst Pansies; smoky rims, henna shades, with fine long stems. Here is something different and better in the pansy world. Pkt., 25c;  $\frac{1}{16}$  oz., 60c;  $\frac{1}{4}$  oz., \$2.00; postpaid.

## GIANT DAHLIA-FLOWERED DOUBLE ZINNIAS

Zinnias come in a rich assortment of colors. This year even though it was hot and dry, everyone having zinnias picked a lot of beautiful bouquets. This strain we feature is the best we have ever seen.

**GOLDEN WEST.** A fine shade of golden yellow. Pkt., 10c.

**PURPLE PRINCE.** Rich shade of Royal Purple. Pkt., 10c.

**DAYBREAK.** Bright orange scarlet. Pkt., 10c.

**GLORIA.** Delicate reddish rose. Pkt., 10c.

**ENCHANTRESS.** Rich shade of red. Pkt., 10c.

**SENSATION.** Orange scarlet. Pkt., 10c.

**DAHLIA FLOWERED ASSORTMENT.** 6 kinds. One each of the above six Giant Dahlia-Flowered Double Varieties, 40c, postpaid.

**MIXED COLOR.** Finest mixed Dahlia-Flowered Double Zinnias. This is a mixture of Red, Yellow, Orange, Purple and Rose. Large pkt., 10c.

## LILLIPUT or BABY ZINNIAS

### The Smallest of All.

This new Lilliput promises to be the most popular Zinnia of all. The small dwarf extremely double flowers are very attractive. Borne well above the bushy foliage makes them very desirable as a cut flower. We furnish these colors: Red, Yellow, Pink, Mixed Colors.

## PRICES

**POSTPAID, ALL PACKETS**  
**PRICES: 10c Each, 3 for 25c**  
**Unless otherwise noted**

Cosmos, Mammoth Mixed.  
 Cosmos, Separate Colors.  
 Cobaea Scandens.  
 Cypress Vine, Mixed.  
 Dahlia (A).  
 Daisy, Shasta (P)  
 Daisy, Double (P)  
 Dianthus (Pinks), Double Chinese Mixed.  
 Dianthus Barbatus, Sweet William (P)  
 Delphinium, Belladonna.  
 Delphinium, Bellamoxum.  
 Delphinium, Giant Hybrids, Mixed.  
 Digitalis (Foxglove) Mixed.  
 Eschscholtzia, Choice Mixed.  
 Forget-Me-Not (Myosotis) (P)  
 Four-o'Clock, Mixed.  
 Gaillardia, Single Mixed.  
 Gaillardia, Double Mixed.  
 Gaillardia, Perennial Mixed.  
 Godetia (A)  
 Gomphrena (Globe Amaranth) (A)  
 Gourds, Mxed.  
 Gypsophila (Baby's Breath) (A)  
 Helianthus or Sunflower (A)  
 Helichrysum, Mixed Colors.  
 Hollyhock, Double Mixed.

## PETUNIAS

	Pkt.
Petunia—	
Ruffled Giant	\$0.25
Rosy Morn, Select	.10
Fine Mixed	.10
Balcony, Mixed	.25
Double Mixed	.25
Heliotrope (A)	.10
Hibiscus (P)	.05
Ice Plant (A)	.10
Japanese Hop Vine (A)	.05
Job's Tears (A)	.05
Kochia (Mexican Fire Bush)	.10
Kudzu Vine (Jack-and-the-Bean-Stalk) (P)	.10
Lantana (A)	.10
Larkspur, Tall Double Mixed	.10
Lathyrus Latifolius (Perennial or Everlasting Pea)	.10
Lobelia (P)	.10
Love in a Mist, or Nigella (A)	.10
Marigold—	
Tall African	.05
Dwarf Double French Mixed	.10
Mignonette, Sweet Scented	.10
Momordica, Balsam Apple	.10
Morning Glory, Japanese Mixed	.05
Moonflower	.10
Nasturtiums—	
Dwarf Mixed	Oz., 20c .10
Tall Mixed	Oz., 20c .10
Pansy—	
Giant Trimardeau, Mixed	.10
Trimardeau, Separate Colors	.10
Pansy Plants—Mixed colors of the choicest varieties, 50c per dozen, postpaid.	
Phlox—	
Drummondi Grandiflora	.10
Star Quedlinburg	.05
Poppy—	
Mixed Single	.10
Mixed Double	.10
Shirley Mixed	.10
Oriental	.10
Portulacca Grandiflora (Rose Moss), Single Mixed	.10
Portulacca Grandiflora, Double Mixed	.10

## STEELCOTE GREENHOUSE PUTTY

NEW—REVOLUTIONARY—BETTER

Now we offer a putty that after two years of outside exposure remains so soft it may be removed with your thumb. Experts in the putty business who produce more than 30,000 pounds of putty every day, developed this putty, the only one of its kind, after years of experimenting. It works easier, goes farther and lasts longer. Adheres to wood, metal and glass. No cracking, no crumbling, no broken glass. Keeps weather out, warmth in. Resists temperature and moisture extremes, bacteria, greenhouse fumes, etc. Put up in 1-lb., 5-lb., 12½-lb. and 25-lb. cans, and in 50-lb., 100-lb. and 400-lb. drums. When ordering specify Knife Grade for Knife Glazing, or Gun Grade for Gun and Bulb Glazing.

WRITE FOR PRICES.

## SUPREME SWEET PEAS

Soil should be thoroughly mixed with a good fertilizer. We like Vigoro for this purpose. When the plants are well up, see that they have wire, strings or a trellis to support them.

## SPENCER SWEET PEAS

Pkt., 10c; Oz., 25c.

Royal Purple.  
 Mrs. Tom Jones—Deep azure blue.  
 Illuminator—Bright glowing salmon, tinged with orange.  
 Crimson King.  
 Warrior—The best pure deep maroon.  
 Miss California—A rich salmon pink.  
 Austin Frederick—Color a true lavender.  
 King White.  
 Beatall, Pale Cerise.  
 Beauty, Blush Pink.  
 Commander Godsall, Large Navy Blue.  
 Elegance, Blush Lilac.  
 Good Cheer, Deep Begonia Rose.  
 Orange Picture, Sunproof Orange.  
 Pinkie, Large Rose Pink.  
 Powerscout, Large Lavender.  
 Superfine, Cream Suffused Salmon.  
 Finest Mixed.

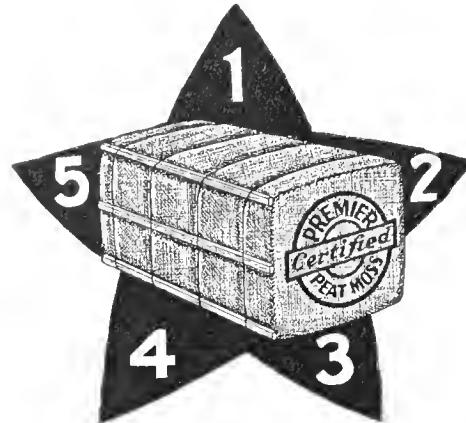
	Pkt.
Scarlet Sage, Splendens	\$0.10
Scabiosa, Grandiflora Mixed	.10
Snapdragon, Tall Mixed	.10
Stocks, Large Flowering Ten Weeks Mixed	.10
Thunbergia, or Black-Eyed Susan	.10
Tritoma (Torch Lily, Flame Flower, Red Hot Poker) (P)	.10
Verbena, Mammoth Mixed	.10
Vinca, Mixed	.10
Zinnia—	
Giant Crimson	.10
Giant White	.10
Giant Yellow	.10
Giant Scarlet	.10
Giant Flesh Pink	.10
Giant Purple	.10
Giant Mixed	.10
Dwarf Mixed	.10
Dahlia Flowered, Mixed Colors	.15
Improved Giant, Mixed Colors	.10
Cactus Flowered	.15

## SPECIAL!

All 10c Packets, 3 for	\$0.25
7 Packets for	.50
15 Packets for	1.00
All 5c Packets, 6 for	.25



Sweet Peas



## PREMIER PEAT MOSS

Use Horticultural Premier Peat Moss for the physical improvement of soils, lawns, gardens, and flower beds, shrubberies, etc.

### FIVE POINTS OF SUPERIORITY BEHIND PREMIER'S STAR PERFORMANCE

Here are the five important points to check when buying ANY brand of Peat Moss:  
1. Light Weight. 2. Light Color. 3. Vacuum Cleaned. 4. Long Life. 5. Low Cost. You'll find that PREMIER qualifies on each and every count. That's why both professional and amateur growers find it pays to insist on this superior product. Literature on request.

-NON-POISONOUS-

## RED ARROW GARDEN SPRAY



### KILLS BOTH SUCKING and CHEWING INSECTS LEAVES NO POISON RESIDUE

Save money—save time—save work by controlling insects with Red Arrow Garden Spray! With Red Arrow there's no need for TWO sprays, one for sucking and one for chewing insects. RED ARROW KILLS BOTH. And there's no danger of poison residue, for Red Arrow is non-poisonous. Will not injure or discolor flowers, vegetables or fruits—harmless to animals and humans. Red Arrow is the most highly concentrated pyrethrum-soap solution on the market. Nothing need be added—simply mix with water and spray. One ounce makes 4 to 8 gallons of effective spray.



### PARAMOUNT DOG FOOD

Is a Beef Product, for sale at grocers and at our store.

## SPRAY MATERIALS

Write for our complete Insecticide list.

**CYANOGAS.** Fumigant.  $\frac{1}{2}$  lb. size, 45c each; 1 lb., 75c; 5 lbs., \$3.00.

**CARBON DISULPHIDE.** For ants and cut worms. 1 lb., 50c.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25.

**FLOWER OF SULPHUR.** Lb., 10c; 10 lbs., 75c; 50 lbs., \$2.00; 100 lbs., \$3.00.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40% nicotine.  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

**SURE NOXEM.** 1-lb. carton, 25c.

**TOBACCO DUST (Regular Grade).** 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.00.

**TREE TANGLEFOOT.** Perfect safeguard for trees. Lb., 60c; 5 lbs., \$2.75.

**CANNOT BE SENT BY MAIL**  
Prices Subject to Change Without Notice

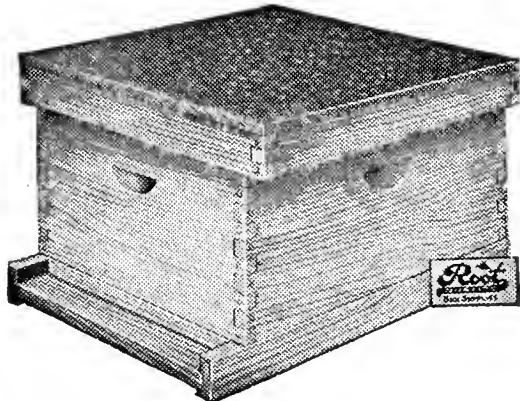
**PARIS GREEN.** A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use 1 part Paris Green to 100 parts plaster or flour. As a liquid, 1 lb. of Paris Green in 150 to 300 gals. water; if used on fruit trees add 1 lb. quick-lime.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 50c.

**SLUG SHOT (Hammond's).** Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. 1 lb., 25c; 5 lbs., 75c.

**BLACK LEAF 40.** Is a solution of nicotine sulphate. It is highly recommended by experiment stations throughout the United States as a spray for soft-bodied sucking insects. For spraying plants and for delousing poultry it has no equal. Full directions in every package. 1-oz. bottle, 35c; 5-oz. bottle, \$1.00 (makes 40 to 100 gals.); 1-lb. bottle, \$2.25; 2-lb. can, \$3.25 (makes 200 to 500 gals.); 5-lb. can, \$5.85; 10-lb. can, \$10.60 (makes 840 to 2100 gals.).

## SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease	Plant Attacked	What to Spray With	First Spraying
Coddling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close.
San Jose Scale	Apple, Pear	Lime Sulphur	While trees are dormant.
Aphids	Roses and Plants	Black Leaf 40	As soon as insects appear.
Cabbage Worms	Cabbage	Arsenate of Lead or Sure Noxem	When insects appear.
Scab	Apple and Pear	Lime Sulphur	Just before blossoms open.
Potato Bugs	Potatoes	Sure Noxem and Arsenate of Lead	When bugs appear.
Leaf Curl	Peach	Lime Sulphur Solution	While trees are dormant.
Mildew	Gooseberry	Potassium Sulphide	Just as buds burst.
Worms	Gooseberry	Sure Noxem	When worms appear.
Blotch	Apple	Bordeaux Mixture	Two weeks after petals fall.
Black Rot	Grapes	Bordeaux Mixture	When buds are $\frac{3}{4}$ -inch long.
Brown Rot	Peach and Plum	Dritonic Sulphur	Just before buds open.
Mildew	Roses and Flowering Shrubs	Potassium Sulphide	As soon as infection appears.
Melon and Cucumber Beetle	Melons and Cucumbers	Tobacco Dust	As soon as plants come up.
Moles, Rats, Chinch Bugs	Shrubs and Plants	Cyanogas	When insects appear.
Insects		Slug Shot	



Ten-Frame Metal Covered Hive

## BEE SUPPLIES

If you live in the suburbs, or on a farm, keep a few stands of bees; they will amply repay you for the little attention they require, and will often return you a splendid profit.

We handle a full line of the I. A. Root Co. Bee Supplies. The standard of the world. Write for our Bee Supply Catalog.

You will be interested in this new catalog because you naturally are interested in making your beekeeping profitable. It offers a complete line of high quality supplies for profitable beekeeping.



Standard Smoker

## FERTILIZERS

# VIGORO

*Specially prepared plant food*

**SUPER PHOSPHATE (16% Available).** Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 1 lb., 10c; 12 lbs., 60c. not prepaid.

**SULPHATE OF AMMONIA.** Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 lb. to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Lb., 10c; 10 lbs., 60c; not prepaid.

**HYDRATED LIME.** Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1,000 square feet. 10-lb. bag, 25c; 50-lb. bag, 50c; not prepaid.

**NITRATE OF SODA.** Carries nothing but nitrogen (ammonia), no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. Lb., 10c; 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.00; not prepaid.

## CYANOGAS—A Dust to Kill Ants, Rats, Mice, Moles

½ pound tin.....	\$0.45	5 pound tin.....	\$ 3.00
1 pound tin.....	.75	25 pound tin.....	10.00

(CANNOT BE SENT BY MAIL)

Cyanogas Hand Duster, each..... 1.00



## ACME ALL ROUND SPRAY

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices: ¼ lb., 35c; 1 lb., 85c.

## ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, melon vines, tomato plants, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Price: 1-lb. sifter carton, 25c.



## SHEPS PLANT SPRAY

You run no risk in purchasing it, because it is absolutely non-poisonous to human beings, birds, animals or plants, but sure death to most insects. Use according to directions and you will see results in twenty-four hours or we will cheerfully refund your money.

PRICE: Postpaid.

½-oz. bottle, each.....	\$0.10
1½-oz. bottle, each.....	.25
8-oz. bottle, each.....	.75
16-oz. bottle, each.....	1.50

**1938 Price Reductions**

AGAIN MARKS LOWEST PRICE in NITRAGIN HISTORY

**Only 50¢**

Per 1 BU. SIZE  
ALFALFA and CLOVER

**NITRAGIN**  
The Original Legume Inoculator

EST. in 1898  
39 Years of Service

## BUILD UP YOUR SOIL Inoculate Your Legumes with NITRAGIN

Make the most of your seed, soil and labor. Don't let legumes rob your soil—be sure they are soil builders.

Remember legumes NOT Inoculated are "SOIL ROBBERS" but legumes WELL Inoculated are "SOIL BUILDERS." Play safe!

### INOCULATE WITH NITRAGIN

Nitragin is an approved, moist soil culture—tested and guaranteed—easy to apply—packed with Billions of fresh bacteria—the cheapest legume crop insurance money can buy. Direction on every can.

With New Low Prices in 1938, you can afford to inoculate all your legumes with Nitragin

### NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

#### ALFALFA, all CLOVERS

Size	Price
½ bu. ea.....	\$ .30
1 bu. ea.....	.50
2½ bu. ea.....	1.00

#### LESPEDEZA Unhulled or Hulled

Size	Price
1 bu. ea.....	\$ .30
2 bu. ea.....	.50
5 bu. ea.....	1.00
10 bu. ea.....	1.60

#### VETCH, AUSTRIAN PEAS, CANADIAN PEAS, BEANS

½ bu. ea.....	\$ .25
1 bu. ea.....	.40
*1½ bu. (100 lb size) ea.	.60
5 bu. ea.....	1.70
*12½ bu. ea.....	4.00
*"100 lb." size and 12½ bu. size packed only for Vetch and Peas	

#### PEANUTS, SOY BEANS, COW PEAS, LIMA BEANS

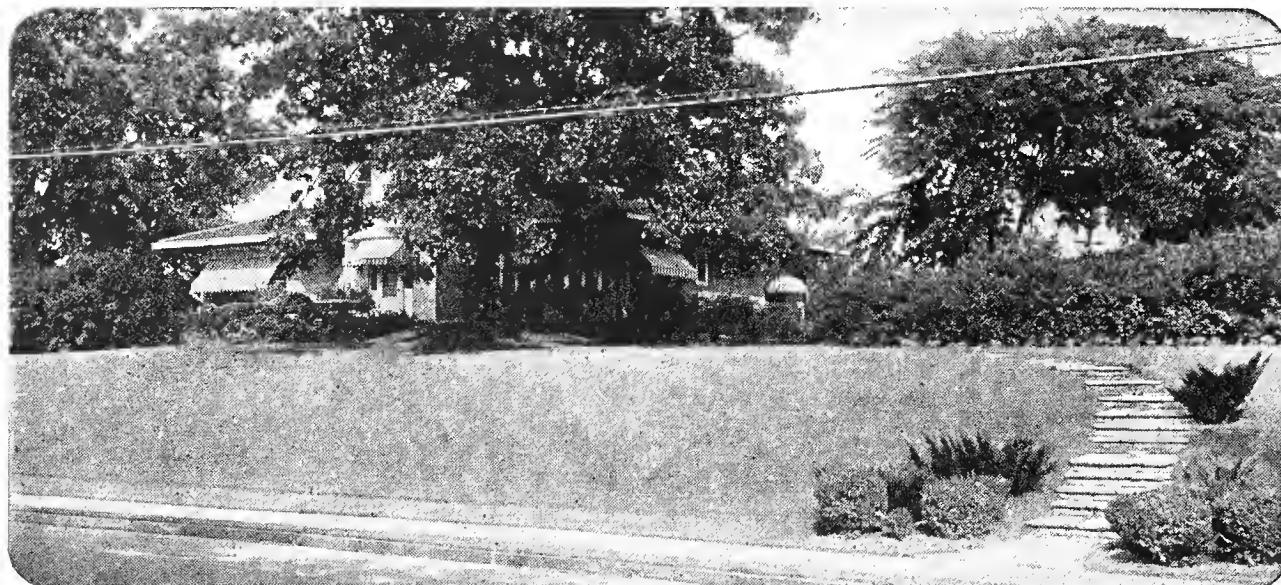
1 bu. ea.....	\$ .30
2 bu. ea.....	.50
5 bu. ea.....	1.00
10 bu. ea.....	1.60
*25 bu. ea.....	3.00
*25 bu. size packed only for Soy Beans, Cow Peas, Peanuts	

**NITRAGIN GARDEN SIZE** for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Retail Price..... 10c each.

**NITRAGIN**—Oldest and Most Widely Used Inoculator in America

## MAKE YOUR HOME GROUNDS BEAUTIFUL

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat, smooth, green turf. This can only be secured by the use of proper grass seed. Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalog, pages 23 to 24.



### OUR SUPERIOR MIXED LAWN GRASS

#### TO MAKE A LAWN

Remember when making a lawn that it is to last for years, and be an ornament to the home, so give plenty of time and care to preparation before the seeds are sown. Several weeks before sowing dig the soil deeply, break up the lumps, apply our Premier Horticultural Peat Moss and a lawn fertilizer such as VIGORO and rake the top soil; at intervals of ten days or two weeks rake the surface to destroy the weeds, and before sowing have the surface as fine as a rake will make it. Sow half the seeds, then sow the other half at right angles to the first sowing—this gives an even distribution. After sowing rake slightly so as not to cover the seeds too deep—covering with a roller is better—small seeds cannot germinate if planted too deep, an eighth of an inch is about right. Do not put stable manure on your lawn, as it adds to the many weeds already in the soil, and if not well broken up the lumps of manure will smother young grass.

Start the lawn as early as possible to give the grass a chance to become well established before the spring growth of weeds.

#### LAWN GRASS MIXTURE REQUIRED

For 150 sq. ft. (10x15 ft.).....	1 lb.
For 300 sq. ft. (10x30 ft.).....	2 lbs.
For 5000 sq. ft. (50x100 ft.).....	20 lbs.
For 43560 sq. ft. (1 acre).....	175 lbs.

Use about one-half as much for renovating old lawns.

SUPERIOR MIXED LAWN GRASS. Lb., 25c; 5 lbs., \$1.00.

KENTUCKY BLUE GRASS. Per lb., 25c; 5 lbs., \$1.00.

WHITE DUTCH CLOVER. Per lb., 40c; 5 lbs., \$1.80.

BERMUDA GRASS. Per lb., 50c; 5 lbs., \$2.00.

CREEPING BENT GRASS. Lb., \$1.00.

**VIGORO**  
*Specially prepared plant food*

#### PRICES

1-lb. pkg. ....	\$0.10	25-lb. bag .....	\$1.50
5-lb. pkg. ....	.45	50-lb. bag .....	2.50
10-lb. pkg. ....	.85	100-lb. bag .....	4.00

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. It is a highly concentrated plant food, and must be applied according to instructions. Excessive applications, or too much applied in one spot, is not only wasteful but will "burn" the plants.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x 50 ft.	2 lbs. (equal 1 qt.)	25 lbs.
20x 50 ft.	4 lbs. (equal 2 qt.)	50 lbs.
50x100 ft.	2 lbs. (equal 1 qt.)	100 lbs.
50x100 ft.	4 lbs. (equal 2 qt.)	200 lbs.

Full directions for applying VIGORO are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of VIGORO. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

#### USE PREMIER HORTICULTURAL PEAT MOSS ON YOUR LAWN

WHERE	WHEN	HOW TO USE	HOW MUCH
<b>OUTDOORS</b>			
LAWNS—New	Spring or Fall	Spread Premier Peat Moss generously on soil; work in well 4 to 6 in. deep when preparing seed bed.	1 bale to 250 to 500 sq. ft. depending on type and condition of soil.
LAWNS—Old	Early Spring	Top-dress lightly after cleaning up winter rubbish. Use fine compost of Premier Peat Moss and soil with 1-lb. of complete plant food mixed into each bushel.	Spread thinly and evenly; 1 bale should cover 500 to 1,000 sq. ft.
	Spring or Fall	When renovating lawn, dig Premier Peat Moss into bare spots where soil is thin, hard or dry before sowing seed there.	

## SPRINGFIELD SEED CO.'S MEXICAN CHILI POWDER IS PAR EXCELLENT



Containing ground spices, chili pepper, Mexican sage, comino, celery, garlic, etc.

½-lb. sealed can, metal bottom and top. Retails 25c each.	
Dozen .....	\$2.00
1-pound sealed can, per lb.....	.32
2-pound sealed can, per lb.....	.31
5-pound sealed can, per lb.....	.30
10-pound lots, per lb.....	.25
25-pound lots, per lb.....	.22
50-pound lots, per lb.....	.21
100-pound lots, per lb.....	.20
230-pound lots (original barrel), lb.....	.19

Full directions, "How to Make Good Chili," Mexican style, on every can.

## FLOWER POTS

Measure across top. Saucers one-half price of pots.

POTS ONLY.		
Size	Each	Doz.
2½ in.	\$0.03	\$0.25
3 in.	.04	.35
4 in.	.05	.50
5 in.	.10	.75
6 in.	.15	1.25
7 in.	.20	2.00
8 in.	.30	2.75
9 in.	.40	4.00
10 in.	.60	6.00
12 in.	1.00	10.00



## WIRE HANGING BASKETS—FOR FERNS

8-inch diameter .....	Each	\$0.20
10-inch diameter .....		.30
12-inch diameter .....		.40
14-inch diameter .....		.50

Add 10c each for postage.

Moss for the above baskets, 25c lb., postpaid. It takes 1 to 1½ lbs. per basket.

## TREE LABELS—Painted

3½x5¾ inches, copper wired. Per 1,000.....\$2.35

## POT or GARDEN LABELS

Wooden—	Painted	
4-inch	100	1,000
5-inch	.45	2.20
6-inch	.50	2.50
8-inch	.75	6.50
10-inch	1.00	7.50

Postpaid.

PERFECTION DOG FOOD—Feeds the Champion.

## CHILI SUPPLIES

STRICTLY FRESH—NEW CROP.

	Oz.	Lb.
Comino .....	\$0.10	\$0.30
Chili Pepper Pods.....	..	.30
Chiline, Ground .....	.10	.35
Mexican Chili Powder Mixture.....	.10	.35
Chili Petine Pods.....	.15	.75
Oregano or Mexican Sage.....	.10	.25
Garden Sage .....	.10	.20
Japanese Pepper .....	.10	.35
Mexican Garlic .....	.05	.25
Chili Beans .....	Ask for Price	
Pepper, Cayenne, Red Hot.....	..	.35
Pepper, ground, black, in bulk.....	..	.20
Paprika .....	.40	.40
Chili Pepper Pods (5 lbs., 25c)	..	.30
Chili Petine Pods, Red Hot.....	..	.75
New Sage for Sausage (whole).....	..	.20
Caraway .....	..	.25
Star Anise Seed .....	..	.35
Anise Seed .....	..	.35
Celery Seed .....	..	.40
Poppy Seed .....	..	.25
Coriander Seed .....	..	.25
White Mustard Seed .....	..	.35
Tumeric, Powdered .....	..	.40
Dill Seed .....	..	.40
Bay Leaves .....	..	.40

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.  
Recipes for Making Mexican Dishes Sent Free on Application.

## BIRD SEEDS, ETC.

	Lb.
Mixed Bird Seed .....	\$0.15
Hemp Seed .....	.15
Canary .....	.15
Bird Millet (recleaned).....	.10
Sunflower Seed for Parrots.....	.10
Cuttle Fish Bone, 2 for 5c.....	.40
Bird Lettuce .....	Oz., 15c .80
Bird Pepper Grass.....	Oz., 10c .80

	Pkg.
Bird Charcoal .....	\$0.10
Bird Biscuit (Sing Song) .....	.15
Spratt's Song Restorer .....	.25
Bird Gravel .....	.15

## PERFECTION DOG FOOD

Is a well balanced ration, consisting of Corn Flakes, Cream of Wheat, Grapenuts and other cereal foods—combined with clean dried meats, not scraps or waste. The cooked, prepared, and balanced meat-cereal food for your hunting dog; for dogs of all breeds, puppies of all ages. It's not only a food, it's also a "tonic" and will prevent skin disease. It gives your dog the "Hunting Spirit—Full of Pep."



## HOW TO FEED PERFECTION DOG FOOD

The amount of food for one meal depends on the size of the dog. For bird dog, pointer or setter, feed 5 to 6 ounces at a meal. Larger or smaller dogs in proportion. Moisten the food with milk or beef broth—if not available, water can be used. And then "Watch Him Hunt."

5-lb. bag .....	\$0.40
10-lb. bag .....	.70
25-lb. bag .....	\$1.50
50-lb. bag .....	2.75
100-lb. bag .....	5.50

PARAMOUNT DOG FOOD. In 1-lb. cans; a 64% beef meat food. Per can, 10c; per doz. cans, 75c; case of 4 doz. cans, \$2.95 F. O. B. Our Store.

## CHRISTMAS and HOLIDAY—STREET and STORE DECORATIONS

The Ozark Mounting Wreathing is manufactured by us in two grades, the medium weighs 12 to 15 lbs. to the coil of 20 yards and the heavy weighs from 25 to 30 lbs. to the coil of 20 yards. This material is harvested by us in the Ozarks woods, brought to our establishment in trucks and wound by machine on wire or cord core.



We Telegraph  
Flowers

## OUR FLORAL DEPARTMENT Open Day and Night—24-Hour Service

Springfield's Telegraph Florist. Flowers delivered anywhere; 100% value guaranteed. CITY PHONE 21; Long Distance Private Wire, L. D. 4. Greenhouse and Floral Supplies. MAY WE SERVE AND PLEASE YOU?

## PLANTING GUIDE

### WEIGHTS, MEASURES AND AMOUNT OF SEED SOWN PER ACRE.

	Lbs. per acre	Lbs. per bu.	Time of Seeding		Lbs. per acre	Lbs. per bu.	Time of Seeding
Alfalfa, broadcast	18- 22	60	Feb.-May	Aug.-Sept.	Johnson Grass	25- 30	25
Alfalfa, drilled	14- 17	60	Feb.-May	Aug.-Sept.	Kaffir, drills	12- 15	50
Alfalfa, Grimm	20- 25	60	Feb.-May	Aug.-Sept.	Kaffir, broadcast	50- 60	50
Atlas Sorgo	8- 12	50	May-July		Lawn Grass	60-100	20
Barley	95-110	48	Apr.-June	Aug.-Sept.	Lespedeza	15- 20	25
Beans, in hills	20- 35	60	Apr.-June		Millet, German, for hay	20- 30	50
Bermuda Grass	4- 6	40	May-June		Millet, German, for seed	25	50
Black Medic, drills	14- 17	60	Feb.-May	Aug.-Sept.	Millet, Hog	12- 15	50
Black Medic, broadcast	18- 22	60	Feb.-May	Aug.-Sept.	Millet, Hungarian, for hay	40	48
Blue Grass, Ky., pasture	20- 30	14	Feb.-May	Aug.-Sept.	Millet, Hungarian, for seed	25	48
Blue Grass, Ky., lawns	60-100	14	Mar.-June	Aug.-Sept.	Millet, Japanese	15	35
Blue Grass, Canada, pasture	14- 20	14	Mar.-June	Aug.-Sept.	Milo Maize	40- 50	50
Blue Grass, Canada, lawns	60-100	14	Mar.-June	Aug.-Sept.	Mung Beans, drills	3- 5	60
Brome Grass, for hay	18- 20	14	Mar.-June		Mung Beans, broadcast	15- 20	60
Brome Grass, pasture	20- 25	14	Mar.-June		Oats	48- 70	32
Broom Corn	5- 8	48	Apr.-June		Oat Grass, Tall	30	14
Buckwheat	60- 70	52	May-June		Onion Plants	40,000-50,000	
Bur Clover	12- 15	60	Feb.-May		Onion Set	8 bu.	32
Canary Grass, Reeds, in rows	2- 3	48	Mar.-May		Onion Seed, for sets	40- 80 lbs	32
Canary Grass, Reeds, br'dcast	7- 10	48	Mar.-May		Orchard Grass, hay	21- 28	14
Cane, forage, broadcast	75-100	50	May-July		Orchard Grass, seed	10- 14	14
Cane, seed or syrup	8- 10	50	May-July		Peanuts	44	22
Clover, Alsike	4- 8	60	May-June		Pop Corn	8- 12	56
Clover, Alsike and Timothy	15- 20	45	Feb.-June		Potatoes	400	60
Clover, Crimson	12- 15	50	Apr.-May		Rape, in drills	4- 5	50
Clover, Hop, alone	4- 8	60	Feb.-May		Rape, broadcast	4- 8	50
Clover, Hop, in mixture	2- 3	60	Feb.-May		Red Top, solid seed	7- 14	14
Clover, Hubam	20- 25	60	Feb.-Apr.		Rye	55- 65	56
Clover, Mam., alone	8- 12	60	Feb.-Apr.		Rye, Grass, Italian	40- 50	20
Clover, Red, alone	8- 12	60	Feb.-Apr.		Rye, Grass, Perennial	40- 50	20
Clover, Sweet, hulled	18- 20	60	Feb.-Apr.		Sagrain	10- 12	50
Clover, Sweet, unhulled	30- 40	30	Feb.-May		Soy Beans, drills	30- 40	60
Clover, White	4- 8	60	Feb.-May		Soy Beans, broadcast	60- 80	60
Corn	7- 14	56	May-June		Soy Beans, Loredo, drills	15- 20	60
Corn, Silage	30- 35	56	May-June		Soy Beans, Loredo, br'dcast	30- 40	60
Cow Peas, broadcast	60- 75	60	May-June		Speltz or Emmer	30- 40	40
Cow Peas, drilled	15- 20	60	May-July		Sudan, drills	6- 8	40
Canada Field Peas, br'dcast	60- 75	60	May-Aug.		Sudan, broadcast	20- 25	40
Canada Field Peas, with oats	30- 45	60	Apr.-May		Sunflower	20	28
Dallas Grass	10- 15	25	Feb.-Apr.		Sweet Corn, drills for fodder	75	46
Darso	40- 50	50	May-July		Sweet Corn, broadcast	150	46
Fescue, Meadow	20- 30	24	Feb.-Apr.		Timothy	7- 12	45
Fescue, other varieties	28- 35	14	Apr.-June		Timothy and Clover, Timothy	8	Apr.-June
Feterita	40- 50	50	May-July		Timothy and Clover, Clover	4	Apr.-June
Flax, for seed	35- 45	56	May-June		Tobacco, 1 oz. to 5,000 plants		
Groholma	40- 50	50	May-July		Vetch, Hairy, drilled	60	60
Hegari, drills	15- 18	50	May-July		Vetch, Hairy, broadcast	90	60
Hegari, broadcast	50- 60	50	May-July		Vetch, Spring	60	Spring
					(plus 1 bu. small grain)	80	60

Springfield Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter, of any seeds, bulbs or plants they send out and will not be responsible for the crop.

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Bee Supplies	33
Bird Seed	35
Bulbs	15-27
Chili Supplies	35
Christmas Decorations	36
Dog Food	27-35
Fertilizer	14-33-34
Floral Department	36
Flower Pots	35
Flower Seeds	28 to 31
Formacide	16
Greenhouse and Floral Supplies	31-35
Insecticides	11-32-33
Nitragin	33
Nursery Stock	21 to 26
Peat Moss	32-34
Rosebushes	24

# **Chick Weed Must Go!**

There is no need of having it in your lawn and destroying the Blue Grass.

## **Act Now**

Our experiments with **our Specially prepared Free Running Kiln Dried Sulphate of Ammonia**, proves that noxious grasses and weeds, such as Chick Weed, Dandelion, and other weeds that ruin good lawns, may be killed by applying our Specially prepared Free Running Kiln Dried Sulphate of Ammonia, as per directions given below.

You will perform a double duty, that of killing the Chick Weed and at the same time Feeding the Lawn Grass . . .

We urge you to apply it NOW, before Chick Weed gets started. Due to the nature of this specially prepared Free Running Kiln Dried Sulphate of Ammonia, it is toxic to Chick Weed, Dandelions, and any other creeping water grasses, but not toxic to Blue Grass and desirable lawn grasses, and will give results if used as per directions below.

### **DIRECTIONS**

Mix one (1) pound of Sulphate of Ammonia to one gallon of water. Sprinkle over 250 square feet of lawn. Use this proportion NOW, and at intervals of about a week, or whenever the slightest sign of Chick Weed appears. and up until March 15th. After March 15th and until Chick Weed has entirely disappeared, sprinkle the above mixture over 600 square feet.

## **It's Up To You---Act Now**

Use the above solution a day or two before sowing Lawn Grass Seed. Never put the solution on at the same time you sow your grass seed. Full directions with each quantity purchased.

**Prices:**

100 pound lot—\$3.00 per hundred.
50 pound lot— 3.50 per hundred.
25 pound lot— 4.00 per hundred.
10 pound lot— 5.00 per hundred.

## **Springfield Seed Co.**

**Campbell at Walnut    --    Telephone 21**  
**Springfield, Missouri**



# Selected Varieties

## for your late garden

**BEANS—BUSH LIMA**, Burpee's 77 Days. Strong vigorous pods, bean medium size. Pkt. 10c.

**CARROTS**, Chantenay Red Cored (Coreless). 68 days. Roots 5 to 6 inches long, 2 to 2½ inches thick at the crown. Color deep orange-red. A fine medium early, half-long, stump-rooted carrot. Core reddish orange. Pkt. 5c.

**SWISS CHARD**, Lucullus. An improved type of Chard; stalks thick, broad and flat, and as large as Rhubarb. Pkt. 5c.

**PEPPER**, Large Bell or Bull Nose. 120 days. Large, mild, thick-fleshed variety. One of the best for stuffed pickles. Pkt. 10c.

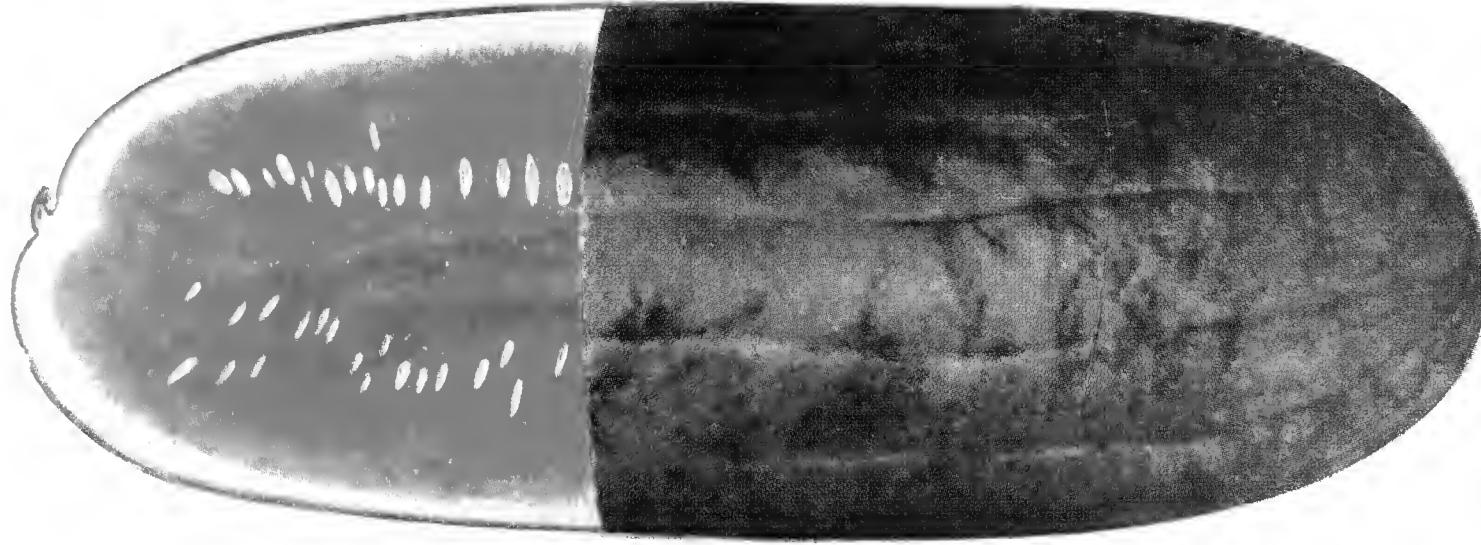
**CHINESE CABBAGE**, Chihili. The taller of two popular types. Heads 18 inches to 20 inches, 4 inches to 5 inches at base tapering to tip. The outer leaves dark green, inner white, tender and sweet. Pkt. 10c.



**MUSKMELON**, Hale's Best. 86 days. An early melon with very thick orange flesh of sweet flavor. Broad oval fruits, 6½ inches by 5½ inches. Pkt. 5c.

**WATERMELON**, Kleckley's Sweet. Fruits large, cylindrical, dark bluish green, with thin, tender rind. Flesh bright red, tender, and extremely sweet; seeds white. Pkt. 5c.

**GOLDEN CROSS BANTAM**. A wonderful new Sweet Corn. An improvement over Golden Bantam. A week later, but ears are much larger and longer. Produces almost twice the yield. Pkt. 15c; lb. 50c.





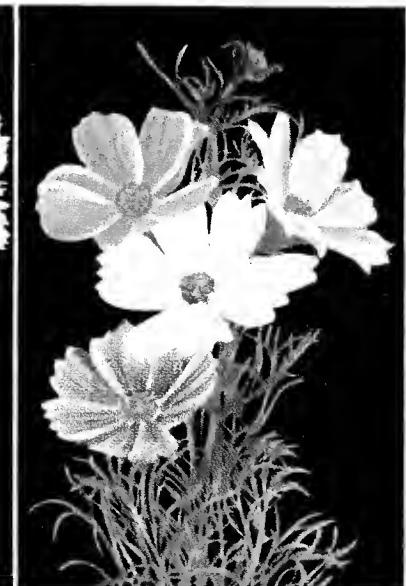
ASTERS, Queen of Market  
Assorted colors



CALENDULA  
Double mixed, orange and yellow



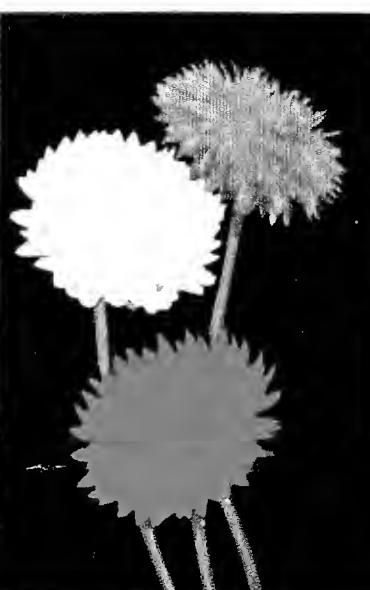
EVERBLOOMING  
CARNATIONS  
Double mixed colors



EARLY MAMMOTH COSMOS  
Mixed colors, crimson, pink and white



ANNUAL  
CHRYSANTHEMUM  
Mixed colors



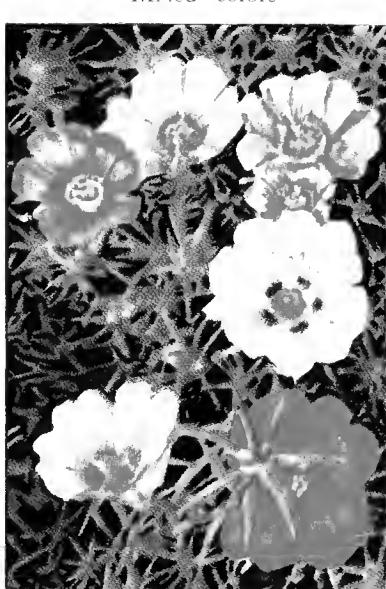
HELICHRYSUM  
(Everlasting or Strawflower)  
Mixed colors



NASTURTIUM, Lobb's Tall  
Finest mixed



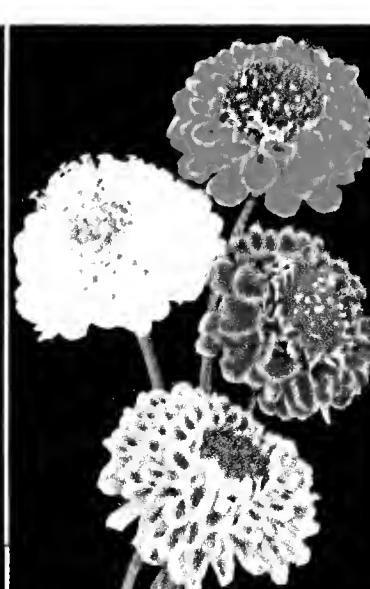
PHLOX Drummondii Grandiflora  
Mixed colors



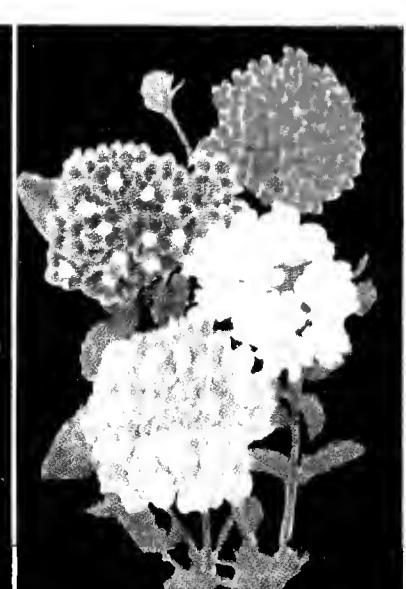
PORFULACA  
(Rose Moss)  
Single mixed and double mixed



SALPIGLOSSIS  
(Velvet Flower). Mixed colors



ANNUAL SCABIOSA  
Mixed colors



MAMMOTH VERBENA  
Mixed colors

## Twelve Lovely Annuals Anyone Can Grow

We don't know how else you could combine beauty and fragrance, or have flowers in the garden and home in shorter possible time than by growing this collection of beautiful annuals.

Providing no other premiums have been selected, the above assortment of twelve lovely New and Rare Annual Flowers FREE with your \$2.00 order consisting of Flower and Garden Seeds.

**SPRINGFIELD SEED COMPANY, Springfield, Missouri**